Wiltshire schools
Able, Gifted, Talented and Enrichment courses
Dear Head Teacher/AGAT Co-ordinator,

Please find enclosed the new AGTE booklet for courses organised by Braeside for Autumn/Winter 2017/18. This is also available on the website: www.braeside-education.co.uk

Please note the name of this booklet has changed to include ‘enrichment’ courses, designated E. To apply for these courses, pupils should be interested in the course subject and not necessarily exceptionally good at it.

The courses are not only therefore for those pupils on the AGAT register because this only refers to academic subjects, although clearly the writing and maths based ones are. The courses for Able, Gifted and Talented pupils are designated AGAT. I would therefore request that pupils who have a particular interest in certain areas, particularly practical subjects such as the outdoors, sports and art/crafts are given details of courses which allow extension of these types of skills. Pupils don’t have to be on your AGAT register to apply if you, or their class teacher, think they would gain from the enrichment courses we would be happy for them to apply.

We have found that the day courses are most popular and, as a result, we have worked with tutors to offer these and therefore keep prices down. This has led to an increase in day courses and reduction in residential ones. I hope this will help to fill courses to keep them viable.

I would welcome any comments you may have to help make the AGTE programme successful. Pupils evaluate each course they attend and overall the response has been extremely positive.

Many thanks in anticipation of your help to promote the AGTE courses.

Yours faithfully,

K M Browning

Head of Braeside Education Centre
This booklet has been redesigned to reflect significant changes that have been made. Please ensure that you familiarise yourself with the changes so that you can provide parents with all the necessary information.

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## Schedule of courses

**AGTE Autumn/Winter 2017/18 courses for primary schools years 2 – 6**

<table>
<thead>
<tr>
<th>Year</th>
<th>Course title</th>
<th>Subject</th>
<th>Tutor(s)</th>
<th>Date</th>
<th>Time</th>
<th>Max. pupils</th>
<th>Cost</th>
<th>AGAT Or E</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/3</td>
<td>Mathemagical Christmas</td>
<td>Numeracy</td>
<td>Claire Johnson</td>
<td>Friday 1 December</td>
<td>9.30am – 2.30pm</td>
<td>16</td>
<td>£55</td>
<td>AGAT 11</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Talking to Animals</td>
<td>Literacy</td>
<td>Steve Voake</td>
<td>Wednesday 17 January</td>
<td>9.30am – 2.30pm</td>
<td>18</td>
<td>£55</td>
<td>AGAT 12</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Mini Maths Challenge</td>
<td>Numeracy</td>
<td>Claire Johnson</td>
<td>Wednesday 7 February</td>
<td>9.30am – 2.30pm</td>
<td>16</td>
<td>£55</td>
<td>AGAT 13</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Pirate Quest; Maths at Sea</td>
<td>Numeracy</td>
<td>Claire Johnson</td>
<td>Wednesday 1 November</td>
<td>9.30am – 3pm</td>
<td>16</td>
<td>£55</td>
<td>AGAT 14</td>
<td></td>
</tr>
<tr>
<td>3/4</td>
<td>Rocket Balloons, Bubbles, and Helicopters</td>
<td>Science</td>
<td>Rob Cunningham</td>
<td>Saturday 27 January</td>
<td>9.30am – 3pm</td>
<td>18</td>
<td>£55</td>
<td>AGAT 15</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Mega Maths Challenge</td>
<td>Numeracy</td>
<td>Claire Johnson</td>
<td>Wednesday 31 January</td>
<td>9.30am – 3pm</td>
<td>16</td>
<td>£55</td>
<td>AGAT 16</td>
<td></td>
</tr>
<tr>
<td>3/4</td>
<td>Space Explorers</td>
<td>Science</td>
<td>Adrian Dening</td>
<td>Monday 12 February</td>
<td>10am – 8pm</td>
<td>16</td>
<td>£60</td>
<td>AGAT 17</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Young Journalists; ‘Braeside News’</td>
<td>Literacy</td>
<td>Claire Johnson</td>
<td>Friday 23 February</td>
<td>9.30am – 3pm</td>
<td>30</td>
<td>£55</td>
<td>AGAT 18</td>
<td></td>
</tr>
<tr>
<td>3/4</td>
<td>Gravity and Gunpowder</td>
<td>Science</td>
<td>Adrian Dening</td>
<td>Saturday 24 February</td>
<td>10am – 4pm</td>
<td>16</td>
<td>£55</td>
<td>AGAT 19</td>
<td></td>
</tr>
<tr>
<td>3/4</td>
<td>Spies and Secret Agents</td>
<td>Science</td>
<td>Adrian Dening</td>
<td>Sunday 25 February</td>
<td>10am – 4pm</td>
<td>16</td>
<td>£55</td>
<td>AGAT 20</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Intrepid Explorers; Maths Adventure</td>
<td>Numeracy</td>
<td>Claire Johnson</td>
<td>Wednesday 15 November</td>
<td>9.30am – 3pm</td>
<td>16</td>
<td>£55</td>
<td>AGAT 21</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Enigma Codebreakers</td>
<td>Numeracy</td>
<td>Claire Johnson</td>
<td>Friday 24 November</td>
<td>9.30am – 3pm</td>
<td>16</td>
<td>£55</td>
<td>AGAT 22</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Writing a Christmas Story</td>
<td>Literacy</td>
<td>Sue Roles</td>
<td>Monday 4 December</td>
<td>9.30am – 3pm</td>
<td>18</td>
<td>£55</td>
<td>AGAT 23</td>
<td></td>
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<tr>
<td>4</td>
<td>Word Power</td>
<td>Literacy</td>
<td>Claire Johnson</td>
<td>Friday 12 January</td>
<td>9.30am – 3pm</td>
<td>30</td>
<td>£55</td>
<td>AGAT 24</td>
<td></td>
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<tr>
<td>4/5/6</td>
<td>Building Poems with no Scaffolding</td>
<td>Literacy</td>
<td>Dave Borrie</td>
<td>Thursday 18 January</td>
<td>9.30am – 3pm</td>
<td>18</td>
<td>£55</td>
<td>AGAT 25</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Calculation Detectives</td>
<td>Numeracy</td>
<td>Claire Johnson</td>
<td>Wednesday 24 January</td>
<td>9.30am – 3pm</td>
<td>18</td>
<td>£55</td>
<td>AGAT 26</td>
<td></td>
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<tr>
<td>5/6</td>
<td>Exploring Myths and Legends</td>
<td>Literacy</td>
<td>Roger Day</td>
<td>Friday 13 October</td>
<td>9am – 3pm</td>
<td>16</td>
<td>£55</td>
<td>AGAT 27</td>
<td></td>
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<tr>
<td>5/6</td>
<td>Rocket Scientists</td>
<td>Science</td>
<td>Adrian Dening</td>
<td>Saturday 11 and Sunday 12 November</td>
<td>10am – 5pm Saturday 10am – 5pm Sunday</td>
<td>16</td>
<td>£110</td>
<td>AGAT 28</td>
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<tr>
<td>Code</td>
<td>Course</td>
<td>Stream</td>
<td>Instructor</td>
<td>Date</td>
<td>Time</td>
<td>Fee</td>
<td>Code</td>
<td></td>
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</tr>
<tr>
<td>5/6</td>
<td>The Craft of Story Writing</td>
<td>Literacy</td>
<td>Steve Voake</td>
<td>Wednesday 22 November</td>
<td>9.30am – 3.30pm</td>
<td>18</td>
<td>£55</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5/6</td>
<td>Creative Woodland</td>
<td>Outdoor Education</td>
<td>Lee Hulbert</td>
<td>Monday 27 November</td>
<td>9.30am – 3.30pm</td>
<td>14</td>
<td>£55</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5/6</td>
<td>Lego Mindstorms Robotics Challenge</td>
<td>Science</td>
<td>John Trickett</td>
<td>Monday 22 January</td>
<td>9:30 – 5:00</td>
<td>20</td>
<td>£55</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5/6</td>
<td>High Tech Spies</td>
<td>Science</td>
<td>Adrian Dening</td>
<td>Saturday 27 and Sunday 28 January</td>
<td>10am – 5pm Saturday 10am – 5pm Sunday</td>
<td>16</td>
<td>£110</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5/6</td>
<td>Graphic Novels</td>
<td>Literacy</td>
<td>Sue Roles</td>
<td>Tuesday 30 January</td>
<td>9.30am – 3.30pm</td>
<td>18</td>
<td>£55</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5/6</td>
<td>Chemistry Day: Solids, Liquids and Gases</td>
<td>Science</td>
<td>Peter Sainsbury</td>
<td>Tuesday 6 February</td>
<td>9.30am – 3.30pm</td>
<td>16</td>
<td>£55</td>
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</tr>
<tr>
<td>5/6</td>
<td>Aliens and Asteroids</td>
<td>Science</td>
<td>Adrian Dening</td>
<td>Tuesday 13 and Wednesday 14 February</td>
<td>9am – 8pm Tuesday 9am – 5pm Wednesday</td>
<td>16</td>
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<tr>
<td>5</td>
<td>Maths Investigators</td>
<td>Numeracy</td>
<td>Hannah Crook</td>
<td>Saturday 24 February</td>
<td>9.30am – 3.30pm</td>
<td>18</td>
<td>£55</td>
<td></td>
<td></td>
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<tr>
<td>5/6</td>
<td>Shelter in the Wilderness</td>
<td>Outdoor Education</td>
<td>Rob Townhill</td>
<td>Monday 26 February</td>
<td>9.30am – 3.30pm</td>
<td>16</td>
<td>£45</td>
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<td></td>
</tr>
<tr>
<td>6</td>
<td>Maths All Around</td>
<td>Numeracy</td>
<td>Hannah Crook</td>
<td>Saturday 11 November</td>
<td>9.30am – 3.30pm</td>
<td>18</td>
<td>£55</td>
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</tr>
</tbody>
</table>
Introduction to the courses

These courses follow on from successful courses run in previous years and offer further opportunities from October 2017 – March 2018.

Many pupils are particularly able or talented in one or more areas, such as:

- Academic and intellectual
- Expressive and performing arts
- Social, leadership and organisation
- Visual, spatial and mechanical
- Design and technology
- Sport and physical

The overall aim of the courses is to extend the opportunities for individual pupils to explore and develop areas of ability and talent.

Our purposes are to:

- Provide an opportunity for teachers to acknowledge pupils’ potential, gifts and talents, and nominate them to participate in exciting and stimulating challenges
- Extend the range of opportunities available to Years 2, 3, 4, 5 and 6 pupils, to meet others with similar interests, abilities and talent in order to work in a variety of ways to increase understanding, develop skills and explore challenges
- Provide an opportunity for teachers and other adults in the learning community to offer their knowledge and skills.
- Extend the range of learning activities available to pupils to enrich their education.

The courses focus on challenges for Years 2 to 6 pupils and offer a range of opportunities to work with adults from various professions and disciplines. It is our intention to extend the range of courses available in the future.

All courses in this programme will be held at Braeside Education Centre, Devizes, but some may involve visits off site in the surrounding area.
Further details

• The courses are offered to Years 2 - 6 pupils at schools across Wiltshire. Courses may be more widely offered, i.e. to Swindon schools, to ensure viability.

• Schools are invited to publicise the courses to appropriate pupils and allow them to apply to Braeside for a place. Parents and pupils may also select courses of interest but the pupil’s school must endorse all AGAT applications.

• Various Enrichment courses, designated E, are included within this booklet. Pupils don’t have to be on your AGAT register to apply if you (or their class teacher) think they would gain from the enrichment courses we would be happy for them to apply.

• No pupil should be denied nomination through financial hardship. A limited number of assisted places are available. Please contact Keith Browning at Braeside 01380 722637 for further information regarding this matter.

Parents/carers will be responsible for getting pupils to and from the courses – unless the school makes alternative arrangements.

• In the case of over subscription, places will be allocated by:
  o The date the application is received at Braeside, i.e. on a first come, first served basis
  o Balancing the genders in the group
  o Achieving a spread of schools and the geographical areas they represent
  o Whether the pupil has a place on another course
  o Comments written by the teacher on the application form

Preference may be given to Year 6 pupils as Years 5 and 4 may be offered a place in the future. In cases where courses are highly oversubscribed, Braeside will endeavour to run extra courses so that pupils are not disappointed.

• School staff may attend by arrangement – indeed we would welcome any ideas that teachers and/or other professionals have on running or contributing to future courses.

• All applications should be sent to:

  AGTE Coordinator
  Braeside Education Centre
  Bath Road
  Devizes
  SN10 2AP

Cheques should be made payable to Wiltshire Council.

• If a course place is booked, paid for and allocated but the pupil does not attend (through illness etc.) a refund will not be given, unless a replacement is found for that place. (Insurance can be taken out for such circumstances – ‘pupil trip insurance’).
Supervision stay information

- On one day courses the tutor(s) will carry out the supervision of the pupils. Additional Braeside staff are available to assist if necessary.

- Where the course involves an overnight stay, there will be a minimum of one male and one female member of staff. As well as this, a member of the Braeside Education Centre will be on call to help deal with any problems that may arise. Courses of an outdoor nature will be supervised more closely and involve more tutors. County ratio requirements in the Wiltshire Council off-site activities manual will be followed.

- Most residential courses held at Braeside Education Centre will provide bedding and breakfast, lunch and evening meals where applicable. Pupils should bring nightwear and a wash kit, including a towel. For outdoor courses, a more specific kit list is given in the course details.

- Parents/carers are reminded that it is essential that two emergency telephone numbers are supplied on the application form.

- Any medication that is required by a pupil should be brought with them and the tutors should be notified of any special requirements.

- Whilst parents/carers deliver and collect pupils to and from Braeside, it is not expected that they remain on site. Access to the house will only be available five minutes prior to the end of the course for parents collecting.
Application procedure checklist for schools

- Consult booklet for course details – dates, times, focus, organisers and location.
- Select appropriate course(s).
- Consult with colleagues and nominate pupil(s) using guidance criteria – teachers should make an individual comment on the pupil’s suitability for AGAT courses.
- Various Enrichment courses, designated E, are included within this booklet. Pupils don’t have to be on your AGAT register to apply if you (or their class teacher) think they would gain from the enrichment courses we would be happy for them to apply.
- Consult/inform parents/carers about the course details, cost, venue, transport arrangements. Please stress that places are **not guaranteed** as courses may be oversubscribed. Ensure parents/carers receive copies of application form and course details.
- Parents/carers are asked to send the application form to the following address:
  
  AGTE Coordinator
  
  Braeside Education Centre
  
  Bath Road
  
  Devizes
  
  SN10 2AP

- Payment for courses can be made either by; cheque, cash or credit/debit card.
  
  **Payments by cheque or cash** - must be included with the application form. Cheques are to be made payable to **Wiltshire Council**.  
  
  **Payments by debit/credit card** - we will send parents through a confirmation email stating that we have received their application form, and if their child has been allocated a space. They will then have 7 days to ring Braeside on **01380 722786** with payment information. (Please note if we do not receive contact within 7 days of confirmation being sent, we cannot guarantee their child’s space)

- Parents/carers will be notified either by an e-mail, letter or telephone call as to whether places have been allocated to those pupils nominated.
- If any applicants have not heard whether a place has been allocated or not, they must contact Braeside to find out the outcome. (Sometimes emails/post do get lost.)
- Unsuccessful applicants will be refunded, but a reserve list will be kept if those allocated a place drop out.
- It is suggested that schools keep a note of applications and pupils attending courses.
- Discuss course and follow-up work in school with appropriate pupils and staff.
- If a course place is booked, paid for and allocated but the pupil does not attend (through illness etc.) a refund **will not** be given, unless a replacement is found for that place. (Insurance can be taken out for such circumstances – ‘pupil trip insurance’).
Course application form - page one of two

Please ensure you have the course details sheet from the school, or our website, before completing this application. Places are not automatically guaranteed, but are allocated according to the criteria laid out in the AGTE booklet sent to schools and on the Braeside website. Confirmation or otherwise will be sent from Braeside for all completed applications by email or letter. Please do not assume a place has been allocated, but contact Braeside if you do not receive a response within four weeks of the course date. If a place is booked, allocated and paid for, but the pupil does not attend, (through sickness etc.) money will not be refunded. NB If applying for more than one course at a time, please use a separate application and payment for each course.

If Braeside cancels the course for any reason, a full refund will be made.

<table>
<thead>
<tr>
<th>Name of course</th>
<th>Course dates</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forename</td>
<td>Surname</td>
<td>M/F</td>
</tr>
<tr>
<td>Date of birth</td>
<td>Parent/Carer Name</td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tel. No. 1</td>
<td>Tel. No. 2</td>
<td>Two phone numbers must be provided.</td>
</tr>
<tr>
<td>Email</td>
<td></td>
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</tr>
<tr>
<td>(Please use BLOCK CAPITALS)</td>
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<td></td>
</tr>
<tr>
<td>School</td>
<td>Year group</td>
<td></td>
</tr>
<tr>
<td>Previous courses attended</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Please select which method you will be using for payment of this course;

<table>
<thead>
<tr>
<th>Payment Method</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cheque</td>
<td>□</td>
</tr>
<tr>
<td>Cash</td>
<td>□</td>
</tr>
<tr>
<td>Debit/Credit Card</td>
<td>□</td>
</tr>
</tbody>
</table>

Payments by cheque or cash - must be included with your application form. Cheques are to be made payable to Wiltshire Council. Payments by debit/credit card - we will send you through a confirmation email stating that we have received your application form, and if your child has been allocated a space. You will then have 7 days to ring Braeside on 01380 722786 with payment information. (Please note if we do not receive contact within 7 days of your confirmation being sent, we cannot guarantee your child’s space)

(Please use a separate application form for each course)

Signed (Parent/Carer): ___________________________ Date: __________________

Endorsement to be provided by teacher;
I believe that the child named above is suitable for the course entitled.
Signed (Teacher): ___________________________ Date: __________________

Teachers - please also write comments below to help us assess the suitability of this pupil for this course: -
Course application form - page two of two

<table>
<thead>
<tr>
<th>Name of course:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Course dates:</td>
<td>Time:</td>
</tr>
</tbody>
</table>

**IMPORTANT:** In order to ensure the proposed activity is planned, agreed and safe for all, this form must be completed and returned to Braeside before the start of the course.

<table>
<thead>
<tr>
<th>Name of participant’s doctor</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Surgery address</td>
<td></td>
</tr>
<tr>
<td>Surgery Tel. No</td>
<td></td>
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<tr>
<td>Dietary needs/requirements</td>
<td></td>
</tr>
<tr>
<td>Behavioural needs/requirements</td>
<td></td>
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<tr>
<td>Medical conditions *</td>
<td></td>
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</tbody>
</table>

* Please ensure that any medication required for the duration of the course is brought with the pupil and that the tutor is informed.

**Parent/Carer declaration:**

In signing this document I accept the following:

- I have read and fully understood the information relating to the proposed activity.
- I consider my son/daughter/ward to be medically fit to participate in the activities outlined and agree to inform you should this situation change between now and the activity date.
- I agree to my son/daughter/ward receiving medication and any emergency dental, medical or surgical treatment, including anaesthetic, as considered necessary by the medical authorities present. (In the event of an emergency, every effort will be made to contact parents/guardians immediately on the phone numbers supplied).
- Behaviour: pupils attending courses are expected to exhibit their **best** behaviour and to be polite and mature in responses to other pupils and adults. It is expected that pupils will follow instructions for their own and others’ safety. Any pupil misbehaving may be prevented from continuing with the activity and parents may be contacted to arrange their collection.
- **Photographs** - Please tick this box □, if you **do not** wish to allow photographs of your son/daughter/ward to be used in publicity/promotion for this type of course in the future.
- **Mobile devices** - we advise that pupils do not bring Mobile Phones or Internet devices, unless requested as part of the course. Braeside has unfiltered WI FI (Through Wiltshire Council) for conference purposes.

Name: ___________________________________________________________________
Signed: __________________________________ Date: ______________________

Please send application forms to:

**AGAT Co-ordinator Braeside Education Centre, Bath Road, Devizes, SN10 2AP**

Please note that places cannot be reserved by phone or e-mail, although enquiries can be made regarding availability.

Whilst parents/carers deliver and collect pupils to and from Braeside, it is not expected that they remain on site.

Access to the house will only be available five minutes prior to the end of the course for parents collecting.
Year 2/3 pupils – Mathemagical Christmas

<table>
<thead>
<tr>
<th>Date of course</th>
<th>Times</th>
<th>Venue</th>
<th>Cost</th>
<th>Max. places</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Friday 1 December 2017</td>
<td>9.30am – 2.30pm</td>
<td>Braeside Education Centre</td>
<td>£55</td>
<td>16</td>
<td>Numeracy AGAT</td>
</tr>
</tbody>
</table>

Course details

Christmas is a time for fun and celebration. ‘Mathemagical Christmas’ activities discover the mathematical ideas and calculations behind shapes, patterns and designs. You will be able to use and develop your mathematical knowledge with a bit of Christmas sparkle thrown in!

Pupils will experience a variety of practical maths challenges over the course of the day, with a focus on shape and space related calculation. The children will need to explain their problem-solving strategies and be able to identify and develop recording methods. They will also be able to adopt practical approaches incorporating the topics covered.

Guidance criteria for identifying participants:

- Good / exceptional mathematicians in order to get the maximum from the course
- An ability to work on practical tasks including design and art work
- An ability to work in groups and independently
- The ability to work in unfamiliar conditions i.e. with other adults and children
- A love of mathematics

Course tutor

Claire Johnson has over twenty years primary teaching and management experience in schools across the country. She has particular experience leading courses for gifted and talented pupils in the areas of maths, science, language and drama. She has regularly contributed to community drama productions in the South-west where she lives and has received awards for both facilitating primary-age multi-media productions and for her personal stage performances. Her personal interest in the arts, combined with her scientific background, give her a passion for appreciating the links that can be made across academic disciplines.

As a result of coming on the course you will have:

- Enjoyed yourself!
- Developed your ability to see maths around us
- Developed interpersonal skills and the ability to explain the mechanics of your work
- Developed your mathematical and logical approaches to challenges

Students should bring:

- Pencils and notepad

Lunch and refreshments are provided. School uniform is not required. No mobile phones.
Year 2 pupils – Talking to Animals

Course details
This is a fun, creative session which will use the book ‘Daisy Dawson’ as a starting point. Young writers will be encouraged to imagine how it would be if they could talk to animals. What might they say? And what might the animals reply…?

We will also explore some of the animal characters in the ‘Maxwell Mutt’ series and look at how new characters can be developed.

If possible, pupils should try to read ‘Daisy Dawson’ and/or other books in the Daisy Dawson series (Walker Books) before attending the session.

As a result of coming on the course you will have:

- Discussed your ideas
- Engaged in drama / role play with a partner
- Looked at approaches to inventing new animal characters
- Written an imaginative piece of work
- Written a collaborative poem ‘If I Could Talk to Animals…’
- Shared your work with others
- Been given advice on writing from a published author
- Been inspired to write even more…!

Guidance criteria for identifying participants:

- Pupils should enjoy writing for pleasure
- Pupils should have a natural flair for creative writing
- Pupils should be willing to discuss their thoughts and ideas with others

Course tutor
Steve Voake is the author of many books for young people including ‘The Dreamwalker’s Child’, ‘The Web of Fire’, ‘The Starlight Conspiracy’, ‘Blood Hunters’ (Faber and Faber) as well as the ‘Daisy Dawson’ series, the ‘Hooey Higgins’ series and the ‘Maxwell Mutt’ series for younger readers (Walker Books). Steve is also Senior Lecturer in Creative Writing at Bath Spa University. Before becoming a writer, Steve was Head teacher of a primary school in Somerset and taught in primary schools for twenty years.

Students should bring:
- A notebook or notepad and pen

Lunch and refreshments are provided.
School uniform is not required.
No mobile phones.

Date of course | Times | Venue | Cost | Max. places | Subject
--- | --- | --- | --- | --- | ---
Wednesday 17 January 2018 | 9.30am – 2.30pm | Braeside Education Centre | £55 | 18 | Literacy AGAT
Year 2 pupils – Mini Maths Challenge

<table>
<thead>
<tr>
<th>Date of course</th>
<th>Times</th>
<th>Venue</th>
<th>Cost</th>
<th>Max. places</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wednesday 7 February 2018</td>
<td>9.30am – 2.30pm</td>
<td>Braeside Education Centre</td>
<td>£55</td>
<td>16</td>
<td>Numeracy</td>
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<td>AGAT</td>
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Course details
Solve puzzles, use equipment, meet new friends, discuss and record your results as you use and develop your maths skills but are challenged to explore new things too.

A wonderful way to try out a day at Braeside Centre with an enjoyable selection of maths tasks to challenge and engage pupils. The course aims to consolidate known mathematical skills, introduce new skills and develop new ways of thinking about maths.

Guidance criteria for identifying participants:

- Good / exceptional mathematicians in order to get the maximum from the course
- The ability to work in groups and independently
- The ability to work in unfamiliar conditions i.e. with other adults and children

Course tutor
Claire Johnson has over twenty years primary teaching and management experience in schools across the country. She has particular experience leading courses for gifted and talented pupils in the areas of maths, science, language and drama. She has regularly contributed to community drama productions in the South-west where she lives and has received awards for both facilitating primary-age multi-media productions and for her personal stage performances. Her personal interest in the arts, combined with her scientific background, give her a passion for appreciating the links that can be made across academic disciplines.

As a result of attending the course you will have:

- Enjoyed yourself!
- Explored shape, space and measure concepts and the mathematical principles underlying them
- Developed communication skills with others, both interpersonally and through explaining your work
- Developed your mathematical knowledge

Students should bring:
- Pencils / Paper

Lunch and refreshments are provided.
School uniform is not required.
No mobile phones.
Year 3 pupils – Pirate Quest; Maths at Sea

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<thead>
<tr>
<th>Date of course</th>
<th>Times</th>
<th>Venue</th>
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<th>Max. places</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wednesday 1 November 2017</td>
<td>9.30am – 3pm</td>
<td>Braeside Education Centre</td>
<td>£55</td>
<td>16</td>
<td>Numeracy AGAT</td>
</tr>
</tbody>
</table>

Course details
Set forth on a day of discovery around the house and grounds of Braeside. A map has been discovered, but as yet it remains incomplete. We will use mathematical problem solving and challenge tasks to solve the clues and complete the puzzle. Pupils need to be ready to venture forth as part of a team, be excited about exploring problems in context and keen to seek out adventure. Sensible adventure pirate style clothes and outdoor shoes would be useful.

Guidance criteria for identifying participants:

- A love of mathematics…and adventure!
- Ability to work creatively, using language/drama contexts
- An ability to work in groups and independently
- The ability to work in unfamiliar conditions i.e. with other adults and children

Course tutor
Claire Johnson has over twenty years primary teaching and management experience in schools across the country. She has particular experience leading courses for gifted and talented pupils in the areas of maths, science, language and drama. She has regularly contributed to community drama productions in the South-west where she lives and has received awards for both facilitating primary-age multi-media productions and for her personal stage performances. Her personal interest in the arts, combined with her scientific background, give her a passion for appreciating the links that can be made across academic disciplines.

As a result of coming on the course you will have:

- Enjoyed yourself!
- Developed your problem-solving abilities and ability to explore contextual problems
- Developed interpersonal skills and the ability to explain the methods of your work
- Developed your mathematical knowledge

Students should bring:

- Pencil, notepad

Lunch and refreshments are provided. School uniform is not required. No mobile phones.
Year 3/4 pupils – Rocket Balloons, Bubbles, Drops and Helicopters

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<thead>
<tr>
<th>Date of course</th>
<th>Times</th>
<th>Venue</th>
<th>Cost</th>
<th>Max. places</th>
<th>Subject</th>
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<tbody>
<tr>
<td>Saturday 27 January</td>
<td>9.30am – 3pm</td>
<td>Braeside Education Centre</td>
<td>£55</td>
<td>18</td>
<td>Science AGAT</td>
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</table>

**Course details**
This thought provoking day will focus on “broadening children’s scientific view of the world around them” (*Science programme of study Sept 13*). This course will give children the rare opportunity to spend a whole day focused on working scientifically. It will support accelerated progress within the new programme of study for any child with a questioning mind. During the day course members will be given the opportunity to secure and master the skills that are the outcomes for early Key Stage Two. Children will be given the opportunity to explore, talk about, test and develop ideas about everyday phenomena. Course members will make and investigate rocket balloons, blow incredible bubbles and explore the life of a drop. Most importantly participants will be free to question and investigate the things that interest them; hopefully finding some surprises.

**Guidance criteria for identifying participants**
- Show an interest in the world
- Be able to think about, question and discuss alternatives for scientific theories
- Be able to work independently and in groups
- Be trusted to use resources sensibly
- You will not be required to read or write much – this course is for thinkers and doers!

**Course tutor**
Robert Cunningham graduated from the University of Plymouth with a BEd honors degree. He then worked as the president of the student union before becoming a primary school teacher. Having had experience in both KS1 and KS2, Rob is now a Deputy Head in a large outstanding primary teaching school. He leads science and technology and has responsibility for this area across the Multi Academy Trust. Rob has a strong belief in children thinking and learning for themselves and making decisions that are going to be beneficial to their future. He believes that learning is most powerful when the ideas have been child initiated and that science offers the opportunity for children to acquire and develop these skills.

**As a result of coming on the course you will have:**
- Enjoyed yourself, made some friends
- Asked and investigated a question of your choosing
- Developed questioning and investigative skills setting up practical enquiries focused on fair testing
- Made systematic and careful observations
- Drawn conclusions, made predictions and suggested improvements.

**What you will take away with you:**
- New ideas and strategies to use in a real context
- A broader prospective of science and how this links to career opportunities
- Friends
- Certificate of attendance

**Students should bring:**
- Pencil and pens / calculator / ruler
- Paper, squared if possible

Lunch and refreshments are provided.
School uniform is not required. No Mobile phones.
Year 3 pupils – Mega Maths Challenge

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<tr>
<th>Date of course</th>
<th>Times</th>
<th>Venue</th>
<th>Cost</th>
<th>Max. places</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wednesday 31 January 2018</td>
<td>9.30am – 3pm</td>
<td>Braeside Education Centre</td>
<td>£55</td>
<td>16</td>
<td>Numeracy AGAT</td>
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</tbody>
</table>

Course details

Spend time exploring some new maths challenges that you haven’t yet tackled. We will cover several fun tasks in the day which will introduce skills such as geometry, lateral thinking and advanced number system work with calculations…to say more would let you in to the surprises in store. Hopefully, you will feel that you can finish the day with lots of new ideas and new friends. The course overall aims to consolidate known mathematical skills, introduce skills that are new for Year 3 pupils and develop different ways of thinking about maths.

Guidance criteria for identifying pupils:

- A love of mathematics
- Keen attitude, for example, those who enjoy the subject
- The ability to work in groups and independently both outside and indoors
- The ability to work in unfamiliar conditions i.e. with other adults and children
- Enquiring minds

Course tutor

Claire Johnson has over twenty years primary teaching and management experience in schools across the country. She has particular experience leading courses for gifted and talented pupils in the areas of maths, science, language and drama. She has regularly contributed to community drama productions in the South-west where she lives and has received awards for both facilitating primary-age multi-media productions and for her personal stage performances. Her personal interest in the arts, combined with her scientific background, give her a passion for appreciating the links that can be made across academic disciplines.

As a result of coming on the course you will have:

- Enjoyed yourself
- Developed your mathematical skills when approaching contextual challenges
- Developed interpersonal skills
- Developed your ability to record and discuss your work

Students should bring:

- Pencils and a notepad

Lunch and refreshments are provided.
School uniform is not required.
No mobile phones.
Year 3/4 pupils – Space Explorers

Course details
A popular one day workshop featuring a fascinating mix of space, stars and fun with the chance to hold part of an asteroid! The day includes a study of the heavens and an exploration of the Solar System. Before that, we look closer to home and discover why we have seasons, leap years and why the Moon looks different every night. Our special guest will be a large piece of the Campo Del Cielo meteorite that fell to Earth over 4500 years ago!

Of course, it will not be dark until the evening, so to consolidate on the day’s activities, an evening meal and star gazing session with a monster telescope has been organised. How far will we be able to look into space?

Guidance criteria for identifying participants:
- Pupils should have an interest in space and an enquiring mind.
- Pupils will need to be able to work confidently, both individually and in small groups.
- Pupils must want to share the academic and practical challenges of the course – and the fun!

Course tutor
Adrian Dening has over thirty years experience in delivering science courses for Able, Gifted and Talented students. He has been a keen astronomer since school days and offers a number of space-related courses within his portfolio. Adrian is manager of the Charterhouse Observatory on the Mendip Hills and founder member of the Wells and Mendip Astronomers Group.

Further information about Adrian’s courses is available at www.AdrianDening.com

As a result of coming on the course you will have:
- A greater understanding of the planets in our Solar System.
- Made detailed observations of the Sun.
- Understand the relationship between Earth and its moon.
- Explored deep space with a telescope.
- Enjoyed new challenges and shared your knowledge with new like-minded friends.

Students will not need to bring any materials as all necessary resources will be provided.

As we will be spending time outside in the evening, students should bring warm clothing.

Lunch, an evening meal and refreshments during breaks are provided.

School uniform is not required.

No mobile phones.
Year 3 pupils – Young Journalists; ‘Braeside News’

Course details
It is here that your writing and reporting skills will be put to the test. In the Braeside Newsroom we will be preparing for the next broadcast. Breaking stories, weather reports, in-depth interviews and features. Have you got what it takes to be a fast-paced reporter? Come and have some fun putting your ideas forward and trying out new skills.

Course tutors
**Claire Johnson** has over twenty years primary teaching and management experience in schools across the country. She has particular experience leading courses for gifted and talented pupils in the areas of maths, science, language and drama. She has regularly contributed to community drama productions in the South-west where she lives and has received awards for both facilitating primary-age multi-media productions and for her personal stage performances. Her personal interest in the arts, combined with her scientific background, give her a passion for appreciating the links that can be made across academic disciplines.

**Ian Leak** has extensive experience in schools across the south-west. He has particular expertise in the Primary sector and runs courses for gifted and talented pupils in the areas of literacy and drama. He has his own weekly radio show in Somerset and is involved in community projects linked to media and music. Ian is particularly interested in developing a focus for young children to use their skills in context.

Guidance criteria for identifying pupils:
- Enthusiasm for writing in a variety of formats
- Ability to work well with others
- Confidence with the spoken word
- Ability to work under some element of time pressure!

As a result of coming on the course you will have:
- Written reports in different styles
- Used information from a variety of sources and taken notes for a purpose
- Worked on editing skills
- Communicated in groups as well as worked individually
- Worked in ‘role’ as a journalist

What you will take away with you:
- Fresh ways to approach writing tasks.
- Been inspired to write even more.
- New knowledge of writing for a variety of purposes

Pupils should bring:
- Paper / Pencil / Pen

Lunch and refreshments are provided.
School uniform is not required.
No mobile phones.
Year 3/4 pupils – Gravity and Gunpowder

<table>
<thead>
<tr>
<th>Date of course</th>
<th>Times</th>
<th>Venue</th>
<th>Cost</th>
<th>Max. places</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saturday 24 February 2018</td>
<td>10am – 4pm</td>
<td>Braeside Education Centre</td>
<td>£55</td>
<td>16</td>
<td>Science AGAT</td>
</tr>
</tbody>
</table>

Course details
Rocket science is always an extremely popular topic at Braeside, featuring an explosive mix of physics and fun! This special day course begins with an exploration of aerodynamics and Newton’s Laws of Motion, followed by rocket design and the propellants used to launch them. To reinforce their learning, students will plan and build their own model rockets. Computer simulation will be used to check each rocket’s stability in theory before launching for real later in the afternoon. The pyrotechnic rocket motors used are specifically designed for this course and remotely fired. They are both exciting and safe. The students do not handle any form of explosive at any time and safety is paramount.

Guidance criteria for identifying participants:
- Pupils should have an interest in physics and an enquiring mind.
- Pupils will need to be able to work confidently, both individually and in small groups.
- Pupils must be willing to generate ideas based on scientific data and transfer these ideas into a completed creative product.
- Pupils must want to share the academic and practical challenges of the course – and the fun!

Course tutor
Adrian Dening has over thirty years’ experience in delivering science courses for Able, Gifted and Talented students. He offers a wide range of topics exploring electronics, ICT, space science and even spying! He is a keen Amateur Radio enthusiast and astronomer. Adrian is an Approved Driving Instructor and member of the Chartered Institute of Personnel and Development. His G and T courses are challenging, with a balance between theory at a high academic level and fun practical exercises to consolidate what has been learnt. All courses include the assessment of written work and note-taking, providing the basis of feedback to parents. The courses involve a mix of individual and group activities and students are actively encouraged to explore different learning styles, take responsibility for their own time management and think “outside the box”. A full portfolio of Adrian’s courses is available at www.AdrianDening.com

As a result of attending the course you will have:
- A greater understanding of space exploration and the technologies that support it.
- Worked successfully on an individual project.
- Been responsible for a practical project at all its stages from initial design to final testing.
- Enjoyed new challenges and shared your knowledge with new like-minded friends.

Students will not be required to bring any specific materials with them as all necessary resources will be provided.

Lunch and refreshments are provided.
School uniform is not required.
No mobile phones.
Year 3/4 pupils – Spies and Secret Agents

Course details
A popular day course featuring an exciting mix of radio, bugs and lots of fun!

The day begins with an exploration into the mysterious world of spy transmissions and encrypted messages. Students will become expert at understanding encryption techniques – the different ways of coding a message so that it can only be understood by the intended recipient…or can it?

To reinforce their learning, students are recruited by MI99 and become special agents for the afternoon, taking part in a large practical spying mission and using their new-found skills to hunt down top secret electronic circuit boards that have been stolen from a government establishment.

Guidance criteria for identifying participants:
- Pupils should have an interest in physics and an enquiring mind.
- Pupils will need to be able to work confidently, both individually and in small groups.
- Pupils must show the aptitude to translate theory into a practical application.
- Pupils must want to share the academic and practical challenges of the course – and the fun!

Course tutor
Adrian Dening has over thirty years’ experience in delivering science courses for Able, Gifted and Talented students. He offers a wide range of topics exploring electronics, ICT, space science and even spying! He is a keen Amateur Radio enthusiast and astronomer. Adrian is an Approved Driving Instructor and member of the Chartered Institute of Personnel and Development. His G and T courses are challenging, with a balance between theory at a high academic level and fun practical exercises to consolidate what has been learnt. All courses include the assessment of written work and note-taking, providing the basis of feedback to parents. The courses involve a mix of individual and group activities and students are actively encouraged to explore different learning styles, take responsibility for their own time management and think “outside the box”. A full portfolio of Adrian’s courses is available at www.AdrianDening.com

As a result of attending the course you will have:
- A greater understanding of communications technology and cryptography.
- Worked successfully in a group with your peers, experiencing leadership and negotiation skills.
- Been responsible for accuracy in the use of radio communications and code-breaking.
- Enjoyed new challenges and shared your knowledge with new like-minded friends.

Students will not be required to bring any specific materials with them as all necessary resources will be provided.

Lunch and refreshments are provided.
School uniform is not required.
No mobile phones.

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<th>Venue</th>
<th>Cost</th>
<th>Max. places</th>
<th>Subject</th>
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<tbody>
<tr>
<td>Sunday 25 February 2018</td>
<td>10am – 4pm</td>
<td>Braeside Education Centre</td>
<td>£55</td>
<td>16</td>
<td>AGAT</td>
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Year 4 pupils – Intrepid Explorers; Maths Adventure

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<tr>
<th>Date of course</th>
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<th>Cost</th>
<th>Max. places</th>
<th>Subject</th>
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<tbody>
<tr>
<td>Wednesday 15 November 2017</td>
<td>9.30am – 3pm</td>
<td>Braeside Education Centre</td>
<td>£55</td>
<td>16</td>
<td>Numeracy AGAT</td>
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</table>

**Course Details**

Set forth on a day of discovery around the house and grounds of Braeside. A poem has been discovered, but as yet it remains incomplete. We will use mathematical problem solving and challenge tasks to solve the clues and complete the puzzle! Pupils need to be ready to venture forth as part of a team, be excited about exploring problems in context and keen to seek out adventure. Sensible adventure-style clothes and shoes would be useful.

**Guidance criteria for identifying participants:**
- Keen mathematicians i.e. those who enjoy the subject
- Ability to work creatively, using language/drama contexts
- An ability to work in groups and independently
- The ability to work in unfamiliar conditions i.e. with other adults and children
- A love of mathematics…and adventure!

**Course tutor**

Claire Johnson has over twenty years primary teaching and management experience in schools across the country. She has particular experience leading courses for gifted and talented pupils in the areas of maths, science, language and drama. She has regularly contributed to community drama productions in the South-west where she lives and has received awards for both facilitating primary-age multi-media productions and for her personal stage performances. Her personal interest in the arts, combined with her scientific background, give her a passion for appreciating the links that can be made across academic disciplines.

**As a result of coming on the course you will have:**
- Enjoyed yourself!
- Developed your problem solving ability
- Developed interpersonal skills and the ability to explain the methods of your work
- Developed your mathematical and logical intelligence

**Students should bring:**
- Pencil, notepad

Lunch and refreshments are provided.

School uniform is not required.

No mobile telephones.
Year 4 pupils – Enigma Codebreakers

Course details

“Only the brightest and best agents are needed for this mission” – are you ready for the challenge? Use your maths skills as we step back in time to 1939 when young mathematicians became a vital part of the war effort. 1940’s style clothes welcome.

Bletchley Park rejoices in the fact that, until fairly recently, it was probably Britain’s best kept secret. This is because the secrecy surrounding all the activities carried on out there during World War Two was of the upmost importance to our national security and ultimate victory. It was here that an organisation called the Government Code and Cypher School (GC and CS) studied and devised methods to enable the Allied forces to decipher the military codes of World War 2. This course will allow pupils to use their mathematical skills to solve puzzles in role as a 1940’s code breaker.

Guidance criteria for identifying participants:

- Pupils should be outgoing and confident
- Pupils should demonstrate ability in mathematics and problem solving
- Have an interest in the historical context of Bletchley Park or in code-breaking themes
- It is essential participants have a maturity to work with unfamiliar adults and children in unfamiliar surroundings in a role-play context

Course tutor

Claire Johnson has over twenty years primary teaching and management experience in schools across the country. She has particular experience leading courses for gifted and talented pupils in the areas of maths, science, language and drama. She has regularly contributed to community drama productions in the South-west where she lives and has received awards for both facilitating primary-age multi-media productions and for her personal stage performances. Her personal interest in the arts, combined with her scientific background, give her a passion for appreciating the links that can be made across academic disciplines.

As a result of coming on the course you will have:

- A broader understanding codes and code-breaking
- Learnt about aspects of World War 2 communications
- Solved problems and codes in context

Students should bring:

- Suitable 1940’s style clothing and gas mask (Tea-bag box in brown paper with string handle!)
- Pencils, pens and notebook
- Please contact the course organiser if you require further advice on easy costume / clothes adaptations.

Lunch and refreshments are provided.
School uniform is not required.
No mobile phones.

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<tr>
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<td>AGAT</td>
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</table>

Braeside Education Centre: 01380 722637 • Web: www.braeside-education.co.uk
Year 4 pupils – Writing a Christmas Story

Course details
Christmas stories are such a lovely part of the lead up to the festive season and this course provides a chance for children to become immersed in the craft of writing imaginatively. Pupils will have the opportunity to explore a range of stories on the theme of Christmas, discussing their features with peers and experimenting with different structures and vocabulary when crafting their own story. Perhaps these stories will be treasured by friends and family when presented as gifts at Christmas?

Guidance criteria for identifying participants:
- Pupils should enjoy writing for pleasure
- Pupils should enjoy listening to stories and commenting on their features
- Pupils should be willing to discuss their thoughts and ideas
- Pupils work freely, confidently, together and independently

Course tutor
Sue Roles has over twenty years teaching experience in both primary and secondary phases. In addition, her role as Wiltshire English Adviser led her to work with many of the county’s school, particularly on writing and reading for pleasure. She loves working with children and young people and listening to their ideas and thoughts about what they are writing and reading.

As a result of coming on the course you will have:
- Produced your own Christmas story
- Extended your knowledge of writing for specific purposes and audiences.
- Explored a wide range of stories around the theme of Christmas
- A certificate of attendance.

What you will take away with you:
- Your completed Christmas story
- An enthusiasm to continue to write imaginative, well-structured stories to engage reader

Students should bring:
- Writing and drawing equipment

Lunch and refreshments are provided.
School uniform is not required.
No mobile phones.

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<th>Venue</th>
<th>Cost</th>
<th>Max. places</th>
<th>Subject</th>
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</thead>
<tbody>
<tr>
<td>Monday 4 December 2017</td>
<td>9.30am – 3pm</td>
<td>Braeside Education Centre</td>
<td>£55</td>
<td>18</td>
<td>Literacy AGAT</td>
</tr>
</tbody>
</table>
Year 4 pupils – Word Power

Do you love the magic of language; would you like to weave pictures with your word skills? Then come and join in a day of activities to develop word knowledge, phrase building and creative writing skills. We will include clever tricks and fun tips. Develop your word powers and conjure up descriptions for stories and poems!

Guidance criteria for identifying participants:
• Pupils should enjoy words; written and spoken.
• Pupils should demonstrate abilities in creative literacy and a willingness to develop their skills.
• It is essential participants have the maturity to work with unfamiliar adults and children in unfamiliar surroundings and in role play contexts.

Course tutors
Claire Johnson has over twenty years primary teaching and management experience in schools across the country. She has particular experience leading courses for gifted and talented pupils in the areas of language, drama, maths and science. She has regularly contributed to community drama productions in the South-west where she lives and has received awards for both facilitating primary-age multi-media productions and for her personal stage performances. Her personal interest in the arts, combined with her scientific background, give her a passion for appreciating the links that can be made across academic disciplines.

Ian Leak has extensive experience in schools across the south-west. He has particular expertise in the Primary sector and runs courses for gifted and talented pupils in the areas of literacy and drama. He has his own weekly radio show in Somerset and has is involved in community projects linked to media and music. Ian is particularly interested in developing a focus for young children to use their skills in context.

As a result of coming on the course you will have:
• Have created a number of pieces of descriptive writing for generating stories and poems
• Been introduced to a bank of useful tricks and tips to help you to develop creative skills
• Had fun exploring the spoken word!

Students should bring:
• Writing materials; pens and/or pencils and a willingness to share ideas.

Lunch and refreshments are provided.
School uniform is not required.
No mobile phones.

<table>
<thead>
<tr>
<th>Date of course</th>
<th>Times</th>
<th>Venue</th>
<th>Cost</th>
<th>Max. places</th>
<th>Subject</th>
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<tr>
<td>Friday 12 January 2018</td>
<td>9.30am – 3pm</td>
<td>Braeside Education Centre</td>
<td>£55</td>
<td>30</td>
<td>Literacy AGAT</td>
</tr>
</tbody>
</table>
Year 4/5/6 pupils – Building Poems with no Scaffolding

Course details
A day spent learning to create poems from first hand observations in Devizes. Pupils will explore some poetry formats, look at poetry writing strategies and then go out into Devizes to view some interesting and lively events in the town. The children will take notepads on which they will write their observations, thoughts and feelings. These will then form the ‘bones’ of their poems. The rest of the day will be taken up in developing their poems with the course tutor and also looking at a range of different types of poems and poetry styles.

Guidance criteria for identifying participants:
- Pupils should expect to work with other participants as well as on their own.
- Pupils should have a real interest in creative writing and poetry.
- Pupils should be happy with the fact that writing a short poem takes a long time.
- Pupils must be able to follow simple instructions and work independently.

Course tutor
Dave Borrie is a retired Wiltshire Primary Head teacher. Over the years he took training in the use of drama, storytelling and first hand experiences as a means of inspiring children to produce quality writing and poetry. He has always endeavoured to inspire children to enjoy being learners and to develop creativity in their work. After retiring he was invited to be the keynote speaker at the Primary Science Teaching Trust’s annual conference in Bristol, giving a lecture about the importance of creativity in education. He has continued his contact with children through working at Devizes Museum using storytelling and drama and running AGAT courses. He still believes learning should be fun!

As a result of coming on the course you will have:
- Had fun
- Met and interacted with other children who like poetry and writing poems
- Learnt how to build poems from first hand observations
- Learnt more about the construction of poems
- Enjoyed writing and developing poems
- Realised that writing a poem is a long and demanding process

What you will take away with you:
- A certificate of attendance
- A sense of achievement
- A booklet of poems and songs
- At least one poem
- New skills and increased confidence in the art of writing poems
- Dave will send, via Braeside, an anthology of poems written on the course that you can print out. Children love to see their poems in print.

Students should bring:
- An A4 notepad
- Pens/pencils in more than one colour for writing
- Warm waterproof clothing for standing in town where it may be windy, cold or wet

Lunch and refreshments are provided.
School uniform is not required.
No mobile phones.

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<thead>
<tr>
<th>Date of course</th>
<th>Times</th>
<th>Venue</th>
<th>Cost</th>
<th>Max. places</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thursday 18 January 2018</td>
<td>9.30am – 3.30pm</td>
<td>Braeside Education Centre</td>
<td>£55</td>
<td>18</td>
<td>Literacy AGAT</td>
</tr>
</tbody>
</table>

Braeside Education Centre: 01380 722637  •  Web: www.braeside-education.co.uk
Year 4 pupils – Calculation Detectives

Course details
Fraud is suspected. Is there a case to answer? We are recruiting detectives who can solve this mystery. Are you ready for the challenge?

Pupils will experience a variety of contextual maths problems over the course of the day, with a focus on calculations and choice of operation. They will explore how to solve different mathematical problems looking at methods and strategies for doing this. The children will need to explain their problem solving strategies and be able to identify and develop recording methods.

Guidance criteria for identifying participants:
- Good / exceptional mathematicians in order to get the maximum from the course
- An ability to work in groups and independently
- The ability to work in unfamiliar conditions i.e. with other adults and children
- A love of mathematics

Course tutor
Claire Johnson has over twenty years primary teaching and management experience in schools across the country. She has particular experience leading courses for gifted and talented pupils in the areas of maths, science, language and drama. She has regularly contributed to community drama productions in the South-west where she lives and has received awards for both facilitating primary-age multi-media productions and for her personal stage performances. Her personal interest in the arts, combined with her scientific background, give her a passion for appreciating the links that can be made across academic disciplines.

As a result of coming on the course you will have:
- Enjoyed yourself!
- Developed your reasoning skills for applied maths challenges
- Developed interpersonal skills and the ability to explain the mechanics of your work
- Developed your mathematical and logical approaches

Students should bring:
- Pencils and notepad

Lunch and refreshments are provided.

School uniform is not required.

No mobile telephones.

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<tr>
<th>Date of course</th>
<th>Times</th>
<th>Venue</th>
<th>Cost</th>
<th>Max. places</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wednesday 24 January</td>
<td>9.30am - 3pm</td>
<td>Braeside Education Centre</td>
<td>£55</td>
<td>18</td>
<td>Numeracy AGAT</td>
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</tbody>
</table>

Date | Times | Venue                      | Cost | Max. places | Subject       |
-----|------|----------------------------|------|-------------|---------------|
24 Jan 2018 | 9.30am - 3pm | Braeside Education Centre  | £55  | 18          | Numeracy AGAT |
Year 5/6 pupils – Exploring Myths and Legends

Date of course | Times | Venue | Cost | Max. places | Subject
---|---|---|---|---|---
Friday 13 October 2017 | 9am – 3pm | Braeside Education Centre | £55 | 16 | Literacy AGAT

Course details
This will be a day in which we will explore a number of myths and legends through drama and storytelling. We will even create a legend of our own. Speaking and presentation skills will be used and pupils should expect to work under pressure.

Guidance criteria for identifying participants:

- Pupils should be outgoing and want to develop their drama skills.
- In addition pupils should want to learn as much as possible about drama and theatre in a day.
- Pupils need to work freely, confidently – together and independently, within the framework of the challenges offered on the day.
- Pupils should have the maturity to deal with adults/children, in both unfamiliar and co-operative situations.

Course tutor
Roger Day has directed numerous courses across Britain and internationally. These include the National Trust, The Probation Service of Great Britain and over 30 Educational Authorities in Britain, Europe, USA, Australia and New Zealand. He regularly contributes to teachers’ courses. During the last 21 years he has successfully run DRAMAWORKS, a drama and storytelling business, with visits to schools all over Great Britain. He is one of the best storytellers in the West! Roger has contributed to work for both the BBC and Independent Broadcasting. Roger is a fellow of the Royal Society of Arts.

As a result of coming on the course you will have:
- Increased your awareness of myths and legends
- Improved your confidence in presenting ideas and speaking aloud
- Explored new drama and theatre skills
- Had fun whilst working independently and collaboratively

What you will take away with you:
- A sense of achievement
- Certificate of attendance

Students should bring:
- Pens, pencils and writing pad.

Lunch and refreshments are provided.
School uniform is not required.
No mobile phones.
Year 5/6 pupils – Rocket Scientists

Course details
This exciting and unique course provides the opportunity to research the history of space travel and explore the design of vehicles that make it possible. The course opens with a study of physics and aerodynamics, including Newton’s Three Laws of Motion. To reinforce their learning, students will work in pairs to build rockets that will be launched to test the scientific theories that have been covered (subject to suitable weather). Forget air and water powered rockets that can be bought in model shops – we will be using gunpowder as our fuel. The pyrotechnic rocket motors used are specifically designed for this course and remotely fired. They are both exciting and safe. The students do not handle any form of explosive at any time and safety is paramount. Parents are invited to an exhibition at the end of course where students will provide a display of the subjects they have studied and feedback on the design of their rockets.

Guidance criteria for identifying participants:
• Pupils should have an interest in physics and an enquiring mind.
• Pupils will need to be able to work confidently, both individually and in small groups.
• Pupils must be willing to generate ideas based on scientific data and transfer these ideas into a completed creative product.
• Pupils must want to share the academic and practical challenges of the course – and the fun!

Course tutor
Adrian Dening has over thirty years’ experience in delivering science courses for Able, Gifted and Talented students. He offers a wide range of topics exploring electronics, ICT, space science and even spying! He is a keen Amateur Radio enthusiast and astronomer. Adrian is an Approved Driving Instructor and member of the Chartered Institute of Personnel and Development. His G and T courses are challenging, with a balance between theory at a high academic level and fun practical exercises to consolidate what has been learnt. All courses include the assessment of written work and note-taking, providing the basis of feedback to parents. The courses involve a mix of individual and group activities and students are actively encouraged to explore different learning styles, take responsibility for their own time management and think “outside the box”. A full portfolio of Adrian’s courses is available at www.AdrianDening.com

As a result of attending the course you will have:
• A greater understanding of space exploration and the technologies that support it.
• Worked successfully on a group project, experiencing leadership and negotiation skills.
• Been responsible for a practical project at all its stages from initial design to final testing.
• Enjoyed new challenges and shared your knowledge with new like-minded friends.

Students will not need to bring any materials/all necessary resources will be provided.

Lunch and refreshments are provided.
School uniform is not required.
No mobile phones.

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<table>
<thead>
<tr>
<th>Dates of course</th>
<th>Times</th>
<th>Venue</th>
<th>Cost</th>
<th>Max. places</th>
<th>Subject</th>
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<tr>
<td>Saturday 11 and Sunday</td>
<td>Saturday 10am – 5pm</td>
<td>Braeside Education Centre</td>
<td>£110</td>
<td>16</td>
<td>Science AGAT</td>
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<tr>
<td>12 November 2017</td>
<td>Sunday 10am – 5pm</td>
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</table>
Year 5/6 pupils – The Craft of Story Writing

**Course details**
This is a creative, practical day in which writers will be able to explore their ideas and experiences using a range of different techniques including characterisation, plot structure, generation of ideas from first thoughts and learning how to ‘show’ rather than ‘tell’.

**As a result of coming on the course you will have:**
- Shared your work with others
- ‘Gathered ingredients’ using first thoughts
- Practised creating new, fresh characters
- Discussed the importance of objects in story writing
- Explored plot / story possibilities
- Looked at how editing can improve stories
- Looked at the use of description and details
- Been given advice on story writing by an established, experienced author
- Learned various techniques to improve your story writing
- Been inspired to write even more…!

**Guidance criteria for identifying participants:**
- Pupils should enjoy writing for pleasure.
- Pupils should have a natural flair for creative writing.
- Pupils should be willing to discuss their thoughts and ideas with others.

**Course tutor**
**Steve Voake** is the author of many books for young people including ‘The Dreamwalker’s Child’, ‘The Web of Fire’, ‘The Starlight Conspiracy’, ‘Blood Hunters’ (Faber and Faber) as well as the ‘Daisy Dawson’ series, the ‘Hooey Higgins’ series and the ‘Maxwell Mutt’ series for younger readers.(Walker Books) Steve is also Senior Lecturer in Creative Writing at Bath Spa University. Before becoming a writer, Steve was Head teacher of a primary school in Somerset and taught in primary schools for twenty years.

**Students should bring:**
- An A4 notebook
- Pen

Lunch and refreshments are provided.
School uniform is not required.
No mobile phones.
Year 5/6 pupils – Creative Woodland Skills

Course details
Do you like being and working outside with nature? Would you like to develop new skills in using tools to carve, peel and cut wood safely? Then this is the course for you. You may make hurdle fences and kazoo’s, which you will be able to take away with you. You will learn to identify different types of trees and their uses, you will develop teamwork skills, to gather materials to create a group fire, make some hot chocolate and toast marshmallows.

Guidance criteria for identifying participants:

- Pupils should have an interest in the outdoors and using natural materials.
- Pupils should be happy to work outside in all weathers!
- Pupils should have the ability to focus on a task over a period of time.
- Pupils should have an awareness of safety, especially to using tools and the importance of following instructions and should be trustworthy enough to use sharp tools responsibly (after training).

Course tutor
Lee Hulbert is an outdoor instructor at Braeside Education and Conference Centre. After completing his diploma in outdoor education he went on to a year’s apprenticeship with WASP (Wiltshire and Swindon Sports Partnership) and has now been at Braeside for over 7 years. Lee is a qualified level 3 forest schools practitioner, a BCU level 1 coach, a level 3 MIAS instructor and a first aider. He also has a wealth of personal experience in outdoor teaching and learning.

As a result of coming on the course you will:

- Learn to use simple tools including saws and small whittling knives.
- Create wooden items to take away with you.
- Learn to identify trees and their uses.
- Develop team building skills.

What you will take with you:

- New knowledge and thinking skills.
- Wooden items created by yourself.
- The ability to use tools safely.

Students should bring:

- Old clothes and waterproof coat
- Suitable footwear such as walking boots, old trainers or wellies

Lunch and refreshments are provided.
School uniform is not required.
No mobile phones.
No Knives please.
Year 5/6 pupils – Lego Mindstorms Robotics Challenge

Course details
Pupils will initially have a few icebreakers and then use Lego Mindstorms to build and program an autonomous robot to undertake a series of fun missions on a specially designed mat. Pupils will develop creative problem solving and team working skills as well as improving their knowledge of programming and control. Pupils will compete in teams against other teams.

Guidance criteria for identifying participants:
• Pupils should be willing to try out new things
• Pupils must be prepared to invent new ways to solve technical problems

Course tutor
John Trickett is Director of Wessex SETPOINT with extensive experience of working with schools on problem solving and team building activities. As the organiser of the Wessex Region FIRST® LEGO® League Robotics competition at HP Bristol he recruits 40 – 60 schools annually for this competition. School teams respond to the challenge with creativity and imagination. All Wessex SETPOINT activities require students to work in teams, be creative and solve problems. The emphasis is on experiential learning, that is, learning by doing, so learning is enjoyable and fun.

As a result of coming on the course you will have:
• Enjoyed yourself
• Learnt more about yourself as a designer, maker and technical problem solver
• Been surprised how good you are at solving problems
• Been able to adjust to an unfamiliar situation and work independently and within a team
• Gained knowledge of programming and computer control of autonomous robots

What you will take away with you:
• A sense of achievement
• A certificate of attendance
• Able to show you can solve technical problems creatively and work well in a team.

Students should bring:
• Pens, pencils and a notepad

Lunch and refreshments are provided.
School uniform not required.
No mobile phones.
Year 5/6 pupils – High Tech Spies

### Course details

A practical two-day course that explores the mysterious world of radio bugs, spy transmissions and encrypted messages. Participants will learn about covert radio equipment and become expert at understanding encryption techniques – the different ways of coding a message so that it can only be understood by the intended recipient………..or can it?

Top-secret electronic circuit boards have been stolen from a Government research facility and hidden at drop-off points around the grounds of Braeside. To reinforce their learning, students are sent on practical missions, tasked with receiving enciphered radio transmissions that give clues as to the whereabouts of the hidden circuits. Organisational skills, accurate code-breaking and lateral thinking will all come into play and ensure that these irreplaceable items are safely located. Whilst we cannot promise that the Government will offer a reward for the return of their property, we can guarantee a fun-packed and educational time! Parents are invited to a presentation by the students at the end of the course where the newly-qualified spies will display the results of their learning and feedback on the exercise.

### Guidance criteria for identifying participants:

- Pupils should have an interest in physics and an enquiring mind.
- Pupils will need to be able to work confidently, both individually and in small groups.
- Pupils must show the aptitude to translate theory into a practical application.
- Pupils must want to share the academic and practical challenges of the course – and the fun!

### Course tutors

Adrian Dening has over thirty years’ experience in delivering science courses for Able, Gifted and Talented students. He offers a wide range of topics exploring electronics, ICT, space science and even spying! He is a keen Amateur Radio enthusiast and astronomer. Adrian is an Approved Driving Instructor and member of the Chartered Institute of Personnel and Development. His G and T courses are challenging, with a balance between theory at a high academic level and fun practical exercises to consolidate what has been learnt. All courses include the assessment of written work and note-taking, providing the basis of feedback to parents. The courses involve a mix of individual and group activities and students are actively encouraged to explore different learning styles, take responsibility for their own time management and think “outside the box”. A full portfolio of Adrian's courses is available at www.AdrianDening.com

### As a result of attending the course you will have:

- A greater understanding of communications technology and cryptography.
- Worked successfully in a group with your peers, experiencing leadership and negotiation skills.
- Been responsible for accuracy in the use of radio communications and code-breaking.
- Enjoyed new challenges and shared your knowledge with new like-minded friends.

Students will not be required to bring any specific materials with them as all necessary resources will be provided.

Lunch and refreshments are provided. School uniform is not required. No mobile phones.
Year 5/6 pupils – Graphic Novels

Course details
Graphic novels are a popular and entertaining form of literature which mix drawing and design with carefully crafted text into a structured whole. The mix of illustration and text supports the use of precise vocabulary and imaginative story structure. Pupils will get the chance to explore a range of graphic novels and design and produce their own short version of a well-known story or of an original creation of their own.

Guidance criteria for identifying participants:
- Pupils should enjoy writing for pleasure
- Pupils should be confident drawing and designing pictures
- Pupils should be willing to discuss their thoughts and ideas
- Pupils work freely, confidently, together and independently

Course tutor
Sue Roles has over twenty years teaching experience in both primary and secondary phases. In addition, her role as Wiltshire English Adviser led her to work with many of the county’s school, particularly on writing and reading for pleasure. She loves working with children and young people and listening to their ideas and thoughts about what they are writing and reading.

As a result of coming on the course you will have:
- Produced your own graphic novel.
- Extended your knowledge of writing for specific purposes and audiences.
- A certificate of attendance.

What you will take away with you:
- Your finished graphic novel.
- An enthusiasm to widen your reading repertoire.

Students should bring:
- Writing equipment
- Drawing equipment

Lunch and refreshments are provided.
School uniform is not required.
No mobile phones.

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<thead>
<tr>
<th>Date of course</th>
<th>Times</th>
<th>Venue</th>
<th>Cost</th>
<th>Max. places</th>
<th>Subject</th>
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<tr>
<td>Tuesday 30 January 2018</td>
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<td>£55</td>
<td>18</td>
<td>Literacy AGAT</td>
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<tr>
<td></td>
<td>3.30pm</td>
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Braeside Education Centre: 01380 722637 • Web: www.braeside-education.co.uk
Year 5/6 pupils – Chemistry Day: Solids, Liquids and Gases

<table>
<thead>
<tr>
<th>Date of course</th>
<th>Times</th>
<th>Venue</th>
<th>Cost</th>
<th>Max. places</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday 6 February 2018</td>
<td>9.30am – 3.30pm</td>
<td>Braeside Education Centre</td>
<td>£55</td>
<td>16</td>
<td>Science AGAT</td>
</tr>
</tbody>
</table>

Course details
Exploring the realms of chemistry helps us understand the materials that form the world we live in, their characteristics and properties, how substances react together and the different states of matter. All vital to our existence and survival, and, wonderfully exciting to investigate. The course enables children to develop their scientific experiences and understanding. As scientists, they will be engaged by hands on, practical, activities and develop their thinking by considering theories and models. Together, we shall *build solid foundations of knowledge, *let our imaginations flow and our enthusiasm bubble over!

Guidance criteria for identifying participants:
- Have enquiring minds and a desire to explore.
- Enjoy science and question their surroundings, experiences and theories.
- Be able to work sensibly, independently and in groups, developing their ideas.

Course tutor
Peter Sainsbury has taught both KS1 and KS2 in a variety of Middle and Primary schools. Throughout his thirty years in education, including two Deputy Headships and two Acting Headships, he has been able to pursue his interests in science, leadership and classroom practice. In 2012 he was delighted to receive the National Primary Teaching Award from the Institute of Physics (IOP). A Fellow of the Primary Science Teaching College, Peter has expanded his science outreach nationally and is currently working part time at Winterbourne Earls C of E Primary School, Salisbury and with the Primary Science Teaching Trust as Advisor for their Cluster Programme.

As a result of coming on the course you will have:
- Discover more about materials and their properties.
- Deepen your understanding of solids, liquids and gases (including changes of state).
- Be challenged by elements, atoms and molecules, thinking through how materials are constructed.

You will also:
- Discover the 'delights and mysteries' of gases by exploring carbon dioxide.
- Use a variety of everyday items to expand your understanding of chemistry.
- Apply your brain power as you grapple with scientific models to explain ideas and theories.

Students will not be required to bring any specific materials or resources with them, although basic pencil case equipment may be helpful. It is not advisable to wear your best clothes as we may be a bit messy.

Lunch and refreshments are provided.
School uniform is not required. No mobile phones.
Year 5/6 pupils – Aliens and Asteroids

Course details
Are you curious about what you see in the night sky? Why does the Moon look different every time you see it? Do you fancy holding a real meteorite and having the opportunity to make observations from a professional telescope? This exciting course introduces pupils to the fundamentals of astronomy, exploring our own Solar System and venturing into deep space.

The Earth is bombarded daily by pieces of space debris – most burn up in our atmosphere and appear as “shooting stars”, but a few are large enough to land. We will be bringing a huge piece of the Campo del Cielo meteorite that crashed into the Earth over 4500 years ago! Students will have the opportunity to examine the meteorite and use a large observatory-grade telescope to view planets and distant galaxies.

Guidance criteria for identifying participants:
• Pupils should have an interest in space and an enquiring mind.
• Pupils will need to be able to work confidently, both individually and in small groups.
• Pupils must want to share the academic and practical challenges of the course – and the fun!

Course tutor
Adrian Dening has over thirty years experience in delivering science courses for Able, Gifted and Talented students. He has been a keen astronomer since school days and offers a number of space-related courses within his portfolio. Adrian is manager of the Charterhouse Observatory on the Mendip Hills and founder member of the Wells and Mendip Astronomers Group.

Further information about Adrian's courses is available at www.AdrianDening.com

As a result of coming on the course you will have:
• A greater understanding of the planets in our Solar System.
• Made detailed observations of the Sun.
• Understand the relationship between Earth and its moon.
• Explored deep space with a telescope.
• Enjoyed new challenges and shared your knowledge with new like-minded friends.

Students will not need to bring any materials as all necessary resources will be provided.

As we will be spending time outside in the evening, students should bring warm clothing.

Lunch, an evening meal (on Tuesday) and refreshments during breaks are provided. School uniform is not required. No mobile phones.
Year 5 pupils – ‘Maths Investigators’

Course details
Are you ready to be a maths investigator? Pupils will experience a variety of learning activities to challenge and extend their mathematical problem solving skills. They will see mathematics ‘in action’ and take part in practical problem-solving activities. Children will work independently as well as working in groups to solve puzzles and problems.

Guidance criteria for identifying participants:

- Enjoyment of mathematics
- Good mathematicians
- An ability to work in groups and independently
- Show a curiosity of the world around them
- An ability to explain their problem solving skills and record their methods.

Course tutor
Hannah Crook is a primary school teacher in Salisbury with a particular interest and enthusiasm for mathematics. She is keen for children to broaden and apply their mathematical skills in a variety of situations where they are challenged and need to do some ‘deep-sea’ thinking. Hannah completed the MaST (Mathematics Specialist Teaching Programme) with the University of Winchester and she has a MA in Learning and Knowledge Technology from Bath Spa University.

As a result of coming on the course you will have:

- Enjoyed yourself!
- Enriched your knowledge of mathematics
- Developed your problem solving skills
- Developed your ability to explain methods and strategies used

What you will take away with you:

- New knowledge and methods of thinking
- Certificate of attendance

Students should bring:

- Pen/pencil
- Notepad
- Water bottle

Lunch and refreshments are provided.
School uniform is not required.
No mobile phones.
Year 5/6 pupils – Shelter in the Wilderness

<table>
<thead>
<tr>
<th>Date of course</th>
<th>Times</th>
<th>Venue</th>
<th>Cost</th>
<th>Max. places</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday 26 February 2018</td>
<td>9.30am – 3.30pm</td>
<td>Braeside Education Centre</td>
<td>£45</td>
<td>16</td>
<td>Outdoor Education E</td>
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Course details

Learn how we can build shelters in the wild and survive.
This will be a very practical course during which you will practice making two main types of shelter.
Firstly, where we carry materials from ‘home’ (small enough to carry in a rucksack) which we can convert to different types of emergency shelter.
Secondly, building shelters with only materials we can find in the wilderness. These can be for an individual or for groups.
You will learn how to adapt different materials to the conditions you are in e.g. shelters that protect you from the sun and keep you cool in Summer or shelters which will keep you both dry and warm in Winter.

Guidance criteria for identifying participants

- Pupils should be comfortable working in the outdoors both individually and in small groups.
- Pupils should have an awareness of safety, especially to using tools and the importance of following instructions and should be trustworthy enough to use sharp tools responsibly (after training).

Course tutor

Robin Townhill, a qualified teacher of many years both in mainstream and private education. A person with a wide breadth of knowledge of working in the outdoors, running adventurous activities as well as survival and Bush craft training. Currently he is teaching open network college courses for Bush craft to a wide range of students and adults.

As a result of coming on the course you will have:

- Gained an understanding of making shelters from different materials and adapting materials for different uses.
- A sense of positive achievement.
- A chance to meet and work with other students of a similar age.
- A certificate of attendance.

Students should bring:

- Own packed lunch, as lunch is not provided
- Waterproof coat and warm clothing and old clothes (hats and gloves if required)
- Stout walking boots/wellington boots or old trainers

Refreshments are provided.
School uniform is not required.
No mobile phones.
Year 6 pupils – Maths All Around

Course details
Why do you learn maths? When do you need to use your mathematical skills outside the classroom? Pupils will experience a variety of learning activities to explore and extend their mathematical knowledge and understanding. They will take part in investigations applying their mathematics to the real-world. Pupils will need to explain their problem solving skills and be able to record their methods.

Guidance criteria for identifying participants:
- Enjoyment of mathematics
- Good mathematicians
- An ability to work in groups and independently
- Show a curiosity of the world around them
- An ability to explain their problem solving skills and record their methods.

Course tutor
Hannah Crook is a primary school teacher in Salisbury with a particular interest and enthusiasm for mathematics. She is keen for children to broaden and apply their mathematical skills in a variety of situations where they are challenged and need to do some ‘deep-sea’ thinking. Hannah completed the MaST (Mathematics Specialist Teaching Programme) with the University of Winchester and she has a MA in Learning and Knowledge Technology from Bath Spa University.

As a result of coming on the course you will have:
- Enjoyed yourself!
- Enriched your knowledge of mathematics
- Developed your problem solving skills
- Developed your ability to explain methods and strategies used

What you will take away with you:
- New knowledge and methods of thinking
- Certificate of attendance

Students should bring:
- Pen/pencil
- Notepad
- Water bottle

Lunch and refreshments are provided.
School uniform is not required.
No mobile phones.

<table>
<thead>
<tr>
<th>Date of course</th>
<th>Times</th>
<th>Venue</th>
<th>Cost</th>
<th>Max. places</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saturday 11 November</td>
<td>9.30am –</td>
<td>Braeside Education Centre</td>
<td>£55</td>
<td>18</td>
<td>Numeracy AGAT</td>
</tr>
<tr>
<td></td>
<td>3.30pm</td>
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Tutors – Autumn/Winter 2017/18

**Robert Cunningham** graduated from the University of Plymouth with a BEd honours degree. He then worked as the president of the student union before becoming a primary school teacher. Having had experience in both KS1 and KS2, Rob is now a Deputy Head in a large outstanding primary teaching school. He leads science and technology and has responsibility for this area across the Multi Academy Trust. Rob has a strong belief in children thinking and learning for themselves and making decisions that are going to be beneficial to their future. He believes that learning is most powerful when the ideas have been child initiated and that science offers the opportunity for children to acquire and develop these skills.

**Roger Day** has directed numerous courses across Britain and internationally. These include the National Trust, The Probation Service of Great Britain and over 30 Educational Authorities in Britain, Europe, USA, Australia and New Zealand. He regularly contributes to teachers' courses. During the last sixteen years he has successfully run DRAMAWORKS, a drama and storytelling business, with visits to schools all over Great Britain. He is a former member of the Society of Storytellers and has contributed to work for both the BBC and Independent Broadcasting. Roger is a fellow of the Royal Society of Arts.

**Adrian Dening** has over thirty years' experience in delivering science courses for Able, Gifted and Talented students. He offers a wide range of topics exploring electronics, ICT, space science and even spying! He is a keen Amateur Radio enthusiast and astronomer. Adrian is an Approved Driving Instructor and member of the Chartered Institute of Personnel and Development. His G and T courses are challenging, with a balance between theory at a high academic level and fun practical exercises to consolidate what has been learnt. All courses include the assessment of written work and note-taking, providing the basis of feedback to parents. The courses involve a mix of individual and group activities and students are actively encouraged to explore different learning styles, take responsibility for their own time management and think “outside the box”. A full portfolio of Adrian’s courses is available at www.AdrianDening.com

**Lee Hulbert** is an outdoor instructor at Braeside Education and Conference Centre. After completing his diploma in outdoor education he went on to a year’s apprenticeship with WASP (Wiltshire and Swindon Sports Partnership) and has now been at Braeside for over 7 years. Lee is a qualified level 3 forest schools practitioner, a BCU level 1 coach, a level 3 MIAS instructor and a first aider. He also has a wealth of personal experience in outdoor teaching and learning.

**Claire Johnson** has over twenty years’ primary teaching and management experience in schools across the country. She has particular experience leading courses for gifted and talented pupils in the areas of language, science, drama and mathematics. She regularly contributes to community drama productions in the South-west, where she lives and has received awards for both facilitating primary-age multi-media productions and for her personal stage performances. Her personal interest in the arts, combined with her scientific background, give her a passion for appreciating the links that can be made across academic disciplines.

**Ian Leak** has extensive experience in schools across the south-west. He has particular expertise in the Primary sector and runs courses for gifted and talented pupils in the areas of literacy and drama. He has his own weekly radio show in Somerset and has is involved in community projects linked to media and music. Ian is particularly interested in developing a focus for young children to use their skills in context.
Sue Roles has over twenty years teaching experience in both primary and secondary phases. In addition, her role as Wiltshire English Adviser led her to work with many of the county’s school, particularly on writing and reading for pleasure. She loves working with children and young people and listening to their ideas and thoughts about what they are writing and reading.

Robin Townhill, a qualified teacher of many years both in mainstream and private education. A person with a wide breadth of knowledge of working in the outdoors, running adventurous activities as well as survival and Bush craft training. Currently he is teaching open network college courses for Bush craft to a wide range of students and adults.

Steve Voake is the author of many books for young people including ‘The Dream walker’s Child’, ‘The Web of Fire’, ‘The Starlight Conspiracy’, ‘Blood Hunters’ (Faber and Faber) as well as the ‘Daisy Dawson’ series and the 'Hooey Higgins' series for younger readers(Walker Books). Steve is also Senior Lecturer in Creative Writing at Bath Spa University. Before becoming a writer, Steve was Head teacher of a primary school in Somerset and taught in primary schools for twenty years.

Dave Borrie is a retired Wiltshire Primary Headteacher. Over the years he took training in the use of drama, storytelling and first hand experiences as a means of inspiring children to produce quality writing and poetry. He has always endeavoured to inspire children to enjoy being learners and to develop creativity in their work. After retiring he was invited to be the keynote speaker at the Primary Science Teaching Trust's annual conference in Bristol, giving a lecture about the importance of creativity in education. He has continued his contact with children through working at Devizes Museum as a volunteer, using storytelling and drama to help children understand Neolithic life. He still believes learning should be fun!

Hannah Crook is a primary school teacher in Salisbury with a particular interest and enthusiasm for mathematics. She is keen for children broaden and apply their mathematical skills in a variety of situations where they are challenged and need to do some ‘deep-sea’ thinking. Hannah completed the MaST (Mathematics Specialist Teaching Programme) with the University of Winchester and she has a MA in Learning and Knowledge Technology from Bath Spa University.

Peter Sainsbury has taught both KS1 and KS2 in a variety of Middle and Primary schools. Throughout his thirty years in education, including two Deputy Headships and two Acting Headships, he has been able to pursue his interests in science and classroom practice. In 2012 he was delighted to receive the National Primary Teaching Award from the Institute of Physics (IOP). A Fellow of the Primary Science Teaching College, Peter has expanded his science outreach nationally and is currently working at Winterbourne Earls C of E Primary School, Salisbury and for the College. As an elected member of the Royal Microscopical Society (RMS) he has developed this course to share his enthusiasm for microscopes and help children discover the wonders that they bring.

John Trickett is Director of Wessex Setpoint with extensive experience of working with schools on problem solving and team building activities. As the organiser of the Wessex Region FIRST® LEGO® League Robotics competition at HP Bristol he recruits 40 – 60 schools annually for this competition. School teams respond to the challenge with creativity and imagination. All Wessex Setpoint activities require students to work in teams, be creative and solve problems. The emphasis is on experiential learning, that is, learning by doing, so learning is enjoyable and fun.
Directions to Braeside Education and Conference Centre

Sat nav or Google maps Postcode SN10 2AF

Braeside Education and Conference Centre
1. Main house
2. Car park

Braeside
Bath Road
Devizes
SN10 2AP
Tel: 01380 722637
01380 722786
Web: www.braeside-education.co.uk