



Braeside Education  
Centre

**Autumn/Winter 2021/22**

**Primary School Years 2 - 6**

**Able, Gifted, Talented and Enrichment  
courses for schools**



**Braeside Education  
Centre**



## Wiltshire Schools

# Able, Gifted, Talented and Enrichment Courses

**Autumn/Winter 2021/22**

**Primary school years 2 - 6**

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 2021/2022 courses for primary school years 2 – 6

Year	Course Title	Subject	Tutor(s)	Date (s)	Time	Max. pupils	Cost including VAT	AGAT or E	Page
2/3	Seasons to Stories	Literacy	Louise Lawrence	Thursday 18 <sup>th</sup> November	9.30am - 2.30pm	16	£60	AGAT	11
2/3	Mathemagical Christmas	Numeracy	Elizabeth Davis	Saturday 4 <sup>th</sup> December	9 am - 2 pm	16	£60	AGAT	12
2	Mini Maths Challenge	Numeracy	Elizabeth Davis	Saturday 15 <sup>th</sup> January	9 am - 2 pm	16	£60	AGAT	13
2/3	Write a Super Sequel to your Favourite Book!	Literacy	Louise Lawrence	Thursday 20 <sup>th</sup> January	9.30am - 2.30pm	16	£60	AGAT	14
2/3	Braeside Newsdesk	Literacy	Louise Lawrence	Thursday 3 <sup>rd</sup> March	9.30am - 2.30pm	16	£60	AGAT	15
3/4	Gravity and Gunpowder	Science	Adrian Denning	Monday 22 <sup>nd</sup> November	9.30am - 3.30pm	16	£60	AGAT	16
3/4	Aviation Aces	Science	Adrian Denning	Tuesday 23 <sup>rd</sup> November	9.30am - 3.30pm	16	£60	AGAT	17
3/4	Christmas Story Writing	Literacy	Louise Lawrence	Thursday 2 <sup>nd</sup> December	9.30am - 3 pm	16	£60	AGAT	18
3/4	Dream BIG! Creative Writing	Literacy	Louise Lawrence	Thursday 13 <sup>th</sup> January	9.30am – 3 pm	16	£60	AGAT	19
3/4	Rocket Balloons, Bubbles, Drops and Helicopters	Science	Rob Cunningham	Saturday 15 <sup>th</sup> January	9.30am – 3 pm	16	£60	AGAT	20
3/4	Art Meets Science; Kaleidacrafts	Science Art	Tone Townsend	Friday 21 <sup>st</sup> January	9.30am – 3 pm	16	£60	AGAT	21
3/4	The Shape of Numbers	Numeracy	Elizabeth Davis	Saturday 29 <sup>th</sup> January	9 am - 2.30 pm	16	£60	AGAT	22
3/4	Science of Scalextric	Science	Adrian Denning	Monday 31 <sup>st</sup> January	9.30am - 3.30pm	16	£60	AGAT	23
3/4	Word Power; Thought into Poetry	Literacy	Louise Lawrence	Thursday 3 <sup>rd</sup> February	9.30am - 3 pm	16	£60	AGAT	24
4/5/6	Christmas Cookery Course	Food Technology	Brodie Collins	Wednesday 1 <sup>st</sup> December	8 am – 5 pm	10	£40	E	25
4	Calculation Detectives	Numeracy	Hannah Crook	Saturday 15 <sup>th</sup> January	9.30am – 3 pm	16	£60	AGAT	26

Year	Course Title	Subject	Tutor(s)	Date (s)	Time	Max. pupils	Cost including VAT	AGAT or E	Page
5/6	'Take a closer look'; Microscopes	Science	Peter Sainsbury	Tuesday 16th November	9.30am - 3.30pm	16	£60	AGAT	27
5/6	The Mystery of Braeside Manor	Literacy	Elen Caldecott	Friday 19 <sup>th</sup> November	9.30am - 3.30pm	16	£60	AGAT	28
5/6	Lego Mindstorms Robotics Challenge	Science	John Trickett	Tuesday 30 <sup>th</sup> November	9.30am – 4.30pm	16	£60	AGAT	29
5/6	Christmas Maths	Numeracy	Hannah Crook	Saturday 4 <sup>th</sup> December	9.30am - 3 pm	16	£60	AGAT	30
5/6	Chemistry Day: Solids, Liquids and Gases	Science	Peter Sainsbury	Tuesday 11 <sup>th</sup> January	9.30am – 3.30pm	16	£60	AGAT	31
5/6	Super Sleuths and Daring Detectives	Literacy	Elen Caldecott	Friday 14 <sup>th</sup> January	9.30am - 3.30pm	16	£60	AGAT	32
5/6	Space Explorers	Science	Adrian Denning	Thursday 20 <sup>th</sup> and Friday 21 <sup>st</sup> January	10am – 4 pm Both days	16	£100	AGAT	33
5/6	Graphic Novels	Literacy	Louise Lawrence	Thursday 27 <sup>th</sup> January	9.30am - 3.30pm	16	£60	AGAT	34
5/6	Globe-trotter Maths	Numeracy	Hannah Crook	Saturday 29 <sup>th</sup> January	9.30am - 3.15 pm	16	£60	AGAT	35
5/6	Scalextric Science Lab	Science	Adrian Denning	Tuesday 1 <sup>st</sup> and Wednesday 2 <sup>nd</sup> February	10am – 4 pm Both days	16	£100	AGAT	36
5/6	Write your own Adventure	Literacy	Elen Caldecott	Thursday 17 <sup>th</sup> February	9.30am - 3.30pm	16	£60	AGAT	37

## Introduction to the courses

These courses follow on from successful courses run in previous years and offer further opportunities from November 2021 through until March 2022.

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.

## 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.
- 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.**

## 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 do not have to be on the 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 Braeside on 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:
  - The date the application is received at Braeside, i.e. on a **first come, first served basis**
  - Balancing the genders in the group
  - Achieving a spread of schools and the geographical areas they represent
  - Whether the pupil has a place on another course
  - 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.
- 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').

Braeside Education Centre is a trading name of Braeside House Ltd.

## 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
- 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 or are directed to our website to book.
- Parents/carers/schools can book by either;
  - **Completing our online application form on our website [www.braeside-education.co.uk](http://www.braeside-education.co.uk)**  
Website applicants will need to be given this booklets reference by their school.  
**Course places cannot be booked without this code.**  
**This code replaces the teacher's endorsement at the bottom of paper applications. Schools should only give this code out to pupils who are eligible to apply.**
  - Sending paper application forms to the following address:  
AGTE Coordinator  
Braeside Education Centre  
Bath Road  
Devizes  
SN10 2AP
- **Online Applications**  
Payment for courses can be made on our **website with a card payment** for online applications  
**Paper Applications**  
Card, BACS transfer or cash for paper applications.  
**Payments by cash** - must be included with the application form.  
**Payments by Card / BACS transfer** – If a child has been allocated a space, we will send parents/carers an email with details on how to pay.  
They will then have 7 days to pay. (Please note if we do not receive contact within 7 days of confirmation being sent, we cannot guarantee their child's space)  
**We no longer accept payments by cheque.**
- Parents/carers will be notified by an e-mail or telephone call if their child has been allocated a place.
- 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 do get lost.)
- Unsuccessful applicants will be refunded, but a reserve list will be kept in case 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.  
All pupils are given a course summary sheet which notes areas covered in the course and suggested further areas of study. Course summaries can be sent to your school, on request.

## Covid Information

As a reputable and trusted activity provider we would like to assure you that Braeside have put into place all necessary measures to ensure, as a centre, we are Covid Secure. All relevant policies, procedures and risk assessments have been implemented. The safety of all our customers and staff is paramount. If you do have any further questions in regard to this, please contact the centre.

We have successfully run our AGT&E Spring/Summer 2020 programme in July and August as well as our Autumn/Winter 20/21 programme in October, November and December, and our most recent Spring/Summer 2021 programme in May, June and July, following our new procedures. We have received extremely positive feedback from parents, pupils, and tutors. We have worked closely with our tutors to adapt our courses to conform with all guidance. We have implemented a new classroom setup and cleaning regimes and are confident in our safe delivery of each session.

Class sizes will be a maximum of 16 pupils and 1 tutor, with a teaching assistant if required to allow for activities to take place in smaller numbers.

Parents/carers, tutors, staff, and children are not to attend Braeside if they have any symptoms of Covid-19, along with government guidelines. Braeside need to be informed as soon as possible if you are unable to attend.

Staff, tutors, and children will not be required to wear PPE (Personal Protective Equipment), unless individuals choose personally to do so. Exceptions to this are for first aid and close contact scenarios for which we have the appropriate PPE, including masks, visors, and gloves that staff have been trained to use if required.

Braeside staff are all encouraged to undertake weekly Asymptomatic testing provided inhouse and must follow government guidelines if a positive test is returned.

Pupils will be asked to bring and use all their own basic equipment which will be emailed through to parents in advance of the course. Any equipment given from the tutor or the centre will be cleaned and sanitised before and after use. This will not be shared throughout the course.

Full drop off/collection information will be sent through to parents in advance of each course.

### Our Covid Cancellation Policy

#### **If Braeside Ltd cancel your course;**

We will endeavour to re-schedule any course **we decide** to cancel due to Covid 19 within the same school year.

If an alternative date cannot be offered we will issue a full refund.

#### **If you cancel your place on a course;**

We will endeavour to re-schedule any individual who cancels onto another appropriate course, if we deem the cancellation to be in line with PHE's recommendations at the time relating to self-isolation we will issue a full refund.

Where an appropriate alternative cannot be agreed our normal cancellation policy will apply.



<b>OFFICE USE ONLY</b>	
<b>Date Received:</b>	
<b>REF:</b>	
<b>PAYMENT:</b>	

# Course application form

## - page one of two

**Please only use this form if you cannot book online via our website.**

Please ensure you have read 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 notifications will be sent from Braeside by email for all successful applications.

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

**If applying for more than one course at a time, please use a separate application and payment for each course.**

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

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

<b>Payment Method</b>	
<b>Cash</b>	<input type="checkbox"/>
<b>Card / BACS Transfer</b>	<input type="checkbox"/>

**Payments by cash** - must be included with your application form.

**Payments via Card or Internet Banking (BACS Transfer)** Details will be supplied when your child is offered a place.

We will send you a confirmation email if your child has been allocated a space.

You will then have 7 days to pay.

(Please note if we do not receive contact within 7 days of your confirmation being sent, we cannot guarantee your child's space.)

We no longer accept Cheque payments.
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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

Name of course:		Course dates:	
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**IMPORTANT: This form must be completed and returned to Braeside before the start of the course.**

Name of participant's doctor		Surgery Tel. No.	
Surgery address			
Dietary needs/requirements			
Behavioural needs/requirements			
Medical conditions *			

\* 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 including social media, 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 for conference purposes.

Name: \_\_\_\_\_

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

Please send application forms to: **AGTE Co-ordinator, Braeside Education Centre, Bath Road, Devizes, SN10 2AP**. Please note that places cannot be reserved by phone/email, although enquiries can be made regarding availability. It is not expected parents/carers remain on site. Access to the house will only be available 5 minutes prior to the end of the course for collection.

#### Privacy Policy - What will Braeside Education Centre do with your data?

It's simple. We need the information that you share with us to enable us to run our exciting activities, programmes and courses with your child and to satisfy our legal responsibilities. We will keep the data safe for as long as your child is participating in our courses and in accordance with data retention rules. We promise that we will only share your information outside of Braeside Education Centre if you ask us to, the law requires us to do so, in order to comply with our policies so that your child can enjoy an activity safely that either we deliver, or an approved/contracted provider delivers, or it's in the public interest.

Don't worry - we will never sell your data or share it for any other reason. Braeside Education Centre is the data controller meaning that we are the organisation that manages and looks after your data.

This is a summary of the Privacy Policy. If you would like to find out more about how we use your information and your rights, please view the full Privacy Policy on our website. Visit – <http://www.braeside-education.co.uk/data-protection-notice.html>

## Year 2/3 Pupils - Seasons to Stories

Date of course	Times	Venue	Cost	Max. places	Subject
Thursday 18 <sup>th</sup> November 2021	9.30am – 2.30pm	Braeside Education Centre	£60	16	Literacy AGAT

### Course Details

*'For now, the nights are drawing in, the seasons have turned once more. Gather round I say, harken to the tale I tell...'*

The tale is yours and you can make of it what you will, as you draw your readers into your very own seasonal story. On this course we will look at the inspiration we can take as writers from the environment, the atmosphere and the weather, as well as other seasonal influences. We will delve into the details that may inspire us, exploring different ways to develop our creative writing.

Come along and enjoy the day, whilst having the opportunity to focus fully on your writing with tutorial support whilst meeting fellow writers with a similar interest.

### Guidance Criteria for Identifying Participants

Pupils should:

- Show an interest in developing their own ideas.
- Be keen to express themselves in writing.
- Demonstrate a natural flair for narrative work and written language in general.
- Be confident enough to discuss and share their work wherever possible.

### Course Tutor

**Louise Lawrence** graduated from the University of the West of England in 2002, with a BA honours degree in Primary English. Her extensive work as a primary teacher in a range of settings has seen her teach gifted and talented pupils aged 4 to 11. Louise is an incredibly adaptable teacher, who is passionate about all aspects of teaching and learning and has also branched out to fulfil the roles of Early Years Practitioner, one-to-one tutor, secondary language teacher and youth worker. In addition to this, she is a school governor and children's rugby coach. Louise is a creative individual with a particular passion for language, especially in relation to children's literature. She loves nothing more than to immerse herself in a good book with her own children and thrives upon the enjoyment of developing children's reading and writing skills across a range of exciting genres.

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

- Gained confidence in exploring a range of ways to express your narrative ideas.
- Used nature and the seasonal environment as creative stimuli.
- Developed skills in scaffolding your writing beyond previously known formats.
- Tested various starting strategies for the creative process.
- Developed on your journey as an author.
- A certificate of attendance.

### Students should bring:

- Pencils, pens, and notebook
- Water bottle
- Clothes suitable for outdoor breaks

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

## Year 2/3 pupils – Mathemagical Christmas

Date of course	Times	Venue	Cost	Max. places	Subject
Saturday 4 <sup>th</sup> December 2021	9.00am – 2.00pm	Braeside Education Centre	£60	16	Numeracy AGAT

### 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 variety of shape, space and 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:

- Pupils are required to have a good level of mathematical ability / interest in maths
- An ability to work on practical tasks including art and design work
- An ability to work independently and share/ discuss ideas with others
- The ability to work in unfamiliar conditions i.e. with other adults and children in a role-play context

### Course tutor

**Elizabeth Davis** is a primary school teacher based in BANES. With fifteen years’ experience of teaching across the primary age phase, she is also a Lead Practitioner for English and maths for a Multi Academy Trust supporting across 7 primary schools. She has particular experience with English and maths teaching that challenges and extends all children and particularly enjoys problem solving and open-ended tasks that allow children to broaden their experiences and apply their skills and promoting a love of reading.

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

- 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
- Enjoyed yourself!

### Students should bring:

- Pencils / pencil case
- Water bottle
- Clothes suitable for outdoor play

**Lunch and refreshments are provided.**

**School uniform is not required.**

**No mobile phones.**

## Year 2 pupils – Mini Maths Challenge

Date of course	Times	Venue	Cost	Max. places	Subject
Saturday 15 <sup>th</sup> January 2022	9.00am – 2.00pm	Braeside Education Centre	£60	16	Numeracy AGAT

### Course details

Meet new friends, solve puzzles, investigate shapes as you've never seen them before, use equipment, play games to earn points as you use and develop your maths skills but are challenged to explore new things too.

An introduction to Braeside courses with a varied and engaging set of activities to undertake. The course aims to consolidate known mathematical skills, introduce new skills and develop new ways of thinking about maths.

### Guidance criteria for identifying participants:

- Able mathematicians with an interest to explore the subject beyond basic calculations and develop wider thinking and problem solving skills
- The ability to work independently and communicate within the wider group
- The ability to work in unfamiliar conditions i.e. with other adults and children

### Course tutor

**Elizabeth Davis** is a primary school teacher based in BANES. With fifteen years' experience of teaching across the primary age phase, she is also a Lead Practitioner for English and maths for a Multi Academy Trust supporting across 7 primary schools. She has particular experience with English and maths teaching that challenges and extends all children and particularly enjoys problem solving and open-ended tasks that allow children to broaden their experiences and apply their skills and promoting a love of reading.

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

- 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
- Enjoyed yourself!

### Students should bring:

- Pencils / Paper/ Pencil case
- Water bottles
- Clothes suitable for outdoor breaks

**Lunch and refreshments are provided.**

**School uniform is not required.**

**No mobile phones.**

## Year 2/3 pupils – Write a Super Sequel to your Favourite Book!

Date of course	Times	Venue	Cost	Max. places	Subject
Thursday 20 <sup>th</sup> January 2022	9.30am – 2.30pm	Braeside Education Centre	£60	16	Literacy AGAT

### Course Details

Imagine that the publishers of your favourite book have asked you to write the sequel to it. A new character or a different setting could be introduced; thinking about how the writer of the original book has used language, sentences, and character development, you can build an exciting new story. It's time to let your imagination take off!

If you can, please bring your favourite story book to the course and be ready to explain to a partner why you love it so much.

### Guidance Criteria for Identifying Participants

Pupils should:

- enjoy writing for pleasure;
- be enthusiastic readers;
- have a natural flair for creative writing;
- be willing to discuss their thoughts and ideas with others.

### Course Tutor

**Louise Lawrence** graduated from the University of the West of England in 2002, with a BA honours degree in Primary English. Her extensive work as a primary teacher in a range of settings has seen her teach gifted and talented pupils aged 4 to 11. Louise is an incredibly adaptable teacher, who is passionate about all aspects of teaching and learning and has branched out to fulfil the roles of Early Years Practitioner, one-to-one tutor, secondary language teacher and youth worker. In addition to this, she is a school governor and children's rugby coach. Louise is a creative individual with a particular passion for language, especially in relation to children's literature. She loves nothing more than to immerse herself in a good book with her own children and thrives upon the enjoyment of developing children's reading and writing skills across a range of exciting genres.

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

- developed a character through either participating in or watching roleplay;
- implemented the stylistic features of your chosen book;
- shared your work with other writers;
- provided constructive feedback to your peers;
- designed an eye-catching cover for your sequel;
- been presented with a personalised course certificate.

### Students should bring:

- A copy of their favourite book or story, if possible
- Notebook
- Writing/colouring pencils and pens (pencil case)
- Water bottle
- Suitable clothes/footwear for outdoor breaks

**Lunch and refreshments are provided.**

**School uniform is not required. No mobile phones.**

## Year 2/3 pupils – Braeside Newsdesk

Date of Course	Times	Venue	Cost	Max. Places	Subject
Thursday 3 <sup>rd</sup> March 2022	9.30am – 2.30pm	Braeside Education Centre	£60	16	Literacy AGAT

### Course Details

*It is here that your production, writing and reporting skills will be put to the test. In the Braeside Newsroom we will be busy preparing for the next broadcast. Breaking stories, weather reports, in-depth interviews, and features: these all build up to the exciting moment in which we go live in the studio.*

English skills are not all about writing narrative or poetry, as much as we might enjoy these too. Language is part of life and using it in context, together with the many skills that we learn at school, is where we put our true talents to the test.

Have you got what it takes to be a fast-paced news reporter? Come and have some fun putting your ideas forward and trying out new skills!

### Course Tutor

**Louise Lawrence** graduated from the University of the West of England in 2002, with a BA honours degree in Primary English. Her extensive work as a primary teacher in a range of settings has seen her teach gifted and talented pupils aged 4 to 11. Louise is an incredibly adaptable teacher, who is passionate about all aspects of teaching and learning and has also branched out to fulfil the roles of Early Years Practitioner, one-to-one tutor, secondary language teacher and youth worker. In addition to this, she is a school governor and children's rugby coach. Louise is a creative individual with a particular passion for language, especially in relation to children's literature. She loves nothing more than to immerse herself in a good book with her own children and thrives upon the enjoyment of developing children's reading and writing skills across a range of exciting genres.

### Guidance Criteria for Identifying Participants

Participants should have:

- an enthusiasm for writing in a variety of formats;
- the ability to work well with language in various forms, especially when communicating with others;
- the confidence to enjoy participating in drama/role-play activities;
- the ability to work under an element of time pressure.

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

- written reports in different styles;
- practised pinpointing key information from a variety of sources;
- refined purposeful notetaking and editing skills;
- communicated effectively in a group in addition to having worked well individually;
- worked in role as a 'journalist!'

### What you will take away with you:

- an understanding of fresh ways to approach writing tasks;
- the inspiration to write even more;
- new time management skills;
- the ability to write for a variety of purposes in everyday life;
- a personalised course certificate.

### Pupils should bring:

- paper/pencils/pens (pencil case)
- notebook
- water bottle
- suitable clothes and shoes for outdoor breaks

Lunch and refreshments are provided.

School uniform is not required. No mobile phones.

## Year 3/4 pupils – Gravity and Gunpowder

Date of course	Times	Venue	Cost	Max. places	Subject
Monday 22 <sup>nd</sup> November 2021	9.30am – 3.30pm	Braeside Education Centre	£60	16	Science AGAT

### 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 Denning** 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&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 <http://www.AdrianDenning.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 should bring:

- Pencils / pencil case
- Notebook/paper
- Water bottle
- Clothes suitable for outdoor play

**Lunch and refreshments are provided.**

**School uniform is not required.**

**No mobile phones.**



## Year 3/4 pupils – Aviation Aces

Date of course	Times	Venue	Cost	Max. places	Subject
Tuesday 23 <sup>rd</sup> November 2021	9.30am – 3.30pm	Braeside Education Centre	£60	16	Science AGAT

### Course details

How have we progressed so quickly from the Wright Brothers' early creations to stealth bombers and Jumbo Jets?

This exciting workshop explores these developments and introduces students to the world of modern aviation. You even get to build your own glider!

Classroom sessions covering physics and the laws of aerodynamics are reinforced by practical sessions outdoors, flying a variety of model aeroplanes and helicopters. We will also be operating our own Air Traffic Control, monitoring flights by Radar and listening to the communications of aircraft entering UK airspace from the Continent and maybe even further afield.

### 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&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 <http://www.AdrianDening.com>

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

- A greater understanding of physics.
- Worked successfully on an individual project.
- Enjoyed new challenges and shared your knowledge with new like-minded friends.

### Students should bring:

- Pencils / pencil case
- Water bottle
- Clothes suitable for outdoor play

**Lunch & refreshments are provided.  
No mobile phones.**

## Year 3/4 pupils – Christmas Story Writing

Date of course	Times	Venue	Cost	Max. places	Subject
Thursday 2 <sup>nd</sup> December 2021	9.30am – 3.00pm	Braeside Education Centre	£60	16	Literacy AGAT

### Course Details

*'The most magical way to see Christmas is through the eyes of a child.'*

Christmas stories are such a wonderful part of the lead up to the festive season and with this in mind, we embark upon a creative journey where pupils become immersed in the craft of imaginative Christmas story writing. They will have the opportunity to explore a range of seasonal stories, discussing their key features with peers and experimenting with different structures and vocabulary for their own stories.

Who knows? The pupils' own stories could become treasured Christmas gifts to friends or family members!

### Guidance Criteria for Identifying Participants

Pupils should:

- love writing for pleasure;
- enjoy reading/listening to stories and discussing their features;
- be keen to share their thoughts and ideas with others;
- demonstrate an ability to write freely and confidently, both independently and with a collaborative approach.

### Course Tutor

**Louise Lawrence** graduated from the University of the West of England in 2002, with a BA honours degree in Primary English. Her extensive work as a primary teacher in a range of settings has seen her teach gifted and talented pupils aged 4 to 11. Louise is an incredibly adaptable teacher, who is passionate about all aspects of teaching and learning and has also branched out to fulfil the roles of Early Years Practitioner, one-to-one tutor, secondary language teacher and youth worker. In addition to this, she is a school governor and children's rugby coach. Louise is a creative individual with a particular passion for language, especially in relation to children's literature. She loves nothing more than to immerse herself in a good book with her own children and thrives upon the enjoyment of developing children's reading and writing skills across a range of exciting genres.

### What you will take away with you:

- a self-written Christmas story to be proud of;
- an extended knowledge of writing for specific purposes & audiences;
- an enthusiasm to continue writing imaginative, well-structured stories that engage your reader(s);
- a certificate of attendance.

### Students should bring:

- writing and drawing equipment (pencil case)
- notebook
- water bottle
- suitable clothing for outdoor breaks

**Lunch and refreshments are provided.**

**School uniform is not required. No mobile phones.**

## Year 3/4 pupils – ‘Dream BIG!’ Creative Writing

Date of course	Times	Venue	Cost	Max. places	Subject
Thursday 13 <sup>th</sup> January 2022	9.30am – 3.00pm	Braeside Education Centre	£60	16	Literacy AGAT

### Course Details

Did you dream last night?

Can you remember what happened? How did it make you feel?

The wonderful thing about dreams is that there are no rules. Yes, that’s right - NO RULES! Literally anything can happen, be it funny, fascinating, mind-boggling or strange... The possibilities are truly endless.

Embark upon a journey to create your very own dream, where you will explore the fantasy genre and discover what makes a jaw-droppingly magical piece of descriptive writing. We will kickstart our journey by looking at examples of dreams in popular children’s literature, using a collaborative approach to identify the best types of ‘ingredients’ for our own dreams. We will then write about our dreams and celebrate our achievements by sharing them with each other. You will also have the opportunity to use cross-curricular links with Design and Technology to create your very own dream jar to take home at the end of the session.

This is the perfect opportunity to let your imagination run wild!

### Guidance Criteria for Identifying Participants

Be keen to develop imaginative writing skills.

Enjoy:

- working with others;
- communicating with new people;
- exploring the use of descriptive language;
- being creative;
- combining writing skills with cross curricular links to create an amazing end product.

### Course Tutor

**Louise Lawrence** graduated from the University of the West of England in 2002, with a BA honours degree in Primary English. Her extensive work as a primary teacher in a range of settings has seen her teach gifted and talented pupils aged 4 to 11. Louise is an incredibly adaptable teacher, who is passionate about all aspects of teaching and learning and has branched out to fulfil the roles of Early Years Practitioner, one-to-one tutor, secondary language teacher and youth worker. In addition to this, she is a school governor and children’s rugby coach.

Louise is a creative individual with a particular passion for language, especially in relation to children’s literature. She loves nothing more than to immerse herself in a good book with her own children and thrives upon the enjoyment of developing children’s reading and writing skills across a range of exciting genres.

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

- Explored the fantasy genre;
- Identified what makes an excellent piece of descriptive writing;
- Designed and written about your very own dream;
- Created a magical dream jar to take home;
- Worked with new people;
- HAD FUN!

### Students should bring:

- pencils/pens (pencil case)
- notebook
- water bottle
- appropriate clothing for outdoor breaks

**Lunch and refreshments are provided.**

**School uniform is not required. No mobile phones.**

## Year 3/4 pupils – Rocket Balloons, Bubbles, Drops and Helicopters

Date of course	Times	Venue	Cost	Max. places	Subject
Saturday 15 <sup>th</sup> January 2022	9.30am – 3.00pm	Braeside Education Centre	£60	16	Science AGAT

### 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 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.

### 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 & pens / calculator / ruler
- Paper – squared if possible
- Water Bottle

**Lunch and refreshments are provided.**

**School uniform is not required.**

**No mobile phones.**

## Year 3/4 pupils – Art Meets Science; Kaleidacrafts

Date of course	Times	Venue	Cost	Max. places	Subject
Friday 21 <sup>st</sup> January 2022	9.30am – 3.00pm	Braeside Education Centre	£60	16	Art & Science AGAT

### Course details

A cross-curricular course taking aspects of Art and Science to create a personal individual single project.

Pupils will gain an appreciation of a range of paper types, uses of different paint mediums and a blend of contrasting colour ideas, followed by an understanding of some creative application techniques. Using this information, they will be able to create their own colourful Kaleidacraft design.

Once this project is completed, the second part of the course introduces Sir Isaac Newton and by adding science to their Kaleidacraft, pupils will then use their creation to demonstrate the forces of action and reaction.

### Guidance criteria for identifying participants:

- Attendees should enjoy Art and Creativity
- Be open to new ideas and possibilities.

### Course tutor

**Tone Townsend** has explored a passion for art and science since school days. For many years, she ran a successful pottery business after attaining a degree in industrial ceramics. More recently, Tone obtained her PGCE enabling her to specialise in the delivery of courses for Able, Gifted and Talented children. She provides a unique range of courses exploring links between art and technology, actively encouraging students to broaden their range of thinking.

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

- Learnt about primary, secondary and tertiary colours
- Discovered different art media and paper types
- Experimented with forces and the effects of gravity
- Had loads of fun working with your classmates
- Experienced the "magic" of science

### Students should bring:

- Pupils should bring protective clothing as we will be experimenting with different paints and processes - an apron or old clothes will be ideal.
- Water bottle

**Lunch & refreshments are provided.**

**School uniform is not required.**

**No mobile phones.**

## Year 3/4 pupils – The Shape of Numbers

Date of course	Times	Venue	Cost	Max. places	Subject
Saturday 29 <sup>th</sup> January 2022	9.00am – 2.30pm	Braeside Education Centre	£60	16	Numeracy AGAT

### Course details

Meet new friends, solve puzzles, investigate number patterns and how these relate to shape, use equipment, apply mathematical knowledge to solve puzzles as you use and develop your maths skills but are challenged to explore new things too.

An engaging and practical day to apply mathematical skill and use it to solve open ended and individualised problems. The course aims to consolidate known mathematical skills, introduce new skills and develop new ways of thinking about maths.

### Guidance criteria for identifying participants:

- Able mathematicians with an interest to explore the subject beyond basic calculations
- The ability to work independently and communicate within the wider group
- The ability to work in unfamiliar conditions i.e. with other adults and children

### Course tutor

**Elizabeth Davis** is a primary school teacher based in BANES. With fifteen years' experience of teaching across the primary age phase, she is also a Lead Practitioner for English and maths for a Multi Academy Trust supporting across 7 primary schools. She has particular experience with English and maths teaching that challenges and extends all children and particularly enjoys problem solving and open-ended tasks that allow children to broaden their experiences and apply their skills and promoting a love of reading.

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

- Explored number patterns, linked mathematical knowledge to new problems and puzzles and explored concepts related to the interconnection of shapes and numbers and the mathematical principles underlying them
- Developed communication skills with others, both interpersonally and through explaining your work
- Developed your mathematical knowledge
- Enjoyed yourself!

### Students should bring:

- Pencils including coloured pencils / Paper/ Pencil case/ Ruler
- Water bottle
- Clothes suitable for outdoor working and breaks

**Lunch and refreshments are provided.**

**School uniform is not required.**

**No mobile phones.**

## Year 3/4 pupils – Science of Scalextric

Date of course	Times	Venue	Cost	Max. places	Subject
Monday 31 <sup>st</sup> January 2022	9.30am – 3.30pm	Braeside Education Centre	£60	16	Science AGAT

### Course details

Take up pole position for this action-packed and educational workshop, where you are going to have a great time playing with Scalextric, but at the same time exploring maths, physics and ICT.

A giant Scalextric layout provides the opportunity to learn first-hand about the role that the electronics play and, in the case of the newer Scalextric Digital format, how the cars and controllers form a miniature computer network.

But electronics alone cannot keep your car on the track – is it driving skill or pure physics? How do we make sure that the races are fair? Are you up for the challenge to take 1<sup>st</sup> place in the Braeside Grand Prix?

### 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&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 <http://www.AdrianDening.com>

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

- A greater understanding of electronics.
- Worked successfully in a group with your peers.
- Enjoyed new challenges and shared your knowledge with new like-minded friends.

### Students should bring:

- Pencils / pencil case
- Water bottle
- Clothes suitable for outdoor play

**Lunch & refreshments are provided.**

**School uniform is not required. No mobile phones.**

## Year 3/4 pupils – Word Power: Thought into Poetry

Date of Course	Times	Venue	Cost	Max. places	Subject
Thursday 3 <sup>rd</sup> February 2022	9.30am – 3.00pm	Braeside Education Centre	£60	16	Literacy AGAT

### Course details

Do you love the wonder of language? Would you like to weave pictures and summon emotions with your word skills? Then come and participate in a day of activities designed to develop vocabulary knowledge, phrase building and creative writing skills. We will explore a wide range of clever tricks and fun tips in order to develop your 'word power' and conjure up mesmerizing, challenging, humorous or descriptive poems! You are the poet and this is your day...

### Guidance criteria for identifying participants:

- Pupils should enjoy learning and sharing interesting vocabulary, both written and spoken.
- Pupils should demonstrate good ability in creative literacy and a desire to develop their own Writing skills.
- Pupils should be excited about the opportunity to communicate with others and discuss/share their ideas.

### Course tutor

**Louise Lawrence** graduated from the University of the West of England in 2002, with a BA honours degree in Primary English. Her extensive work as a primary teacher in a range of settings has seen her teach gifted and talented pupils aged 4 to 11. Louise is an incredibly adaptable teacher, who is passionate about all aspects of teaching and learning and has branched out to fulfil the roles of Early Years Practitioner, one-to-one tutor, secondary language teacher and youth worker. In addition to this, she is a school governor and children's rugby coach. Louise is a creative individual with a particular passion for language, especially in relation to children's literature. She loves nothing more than to immerse herself in a good book with her own children and thrives upon the enjoyment of developing children's reading and writing skills across a range of exciting genres.

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

- Explored different opportunities and approaches to poetic writing;
- Been introduced to a range of poetic structure;
- Developed your expression and begun creative, written poetry;
- Had fun exploring the spoken and written word!

### What you will take away with you:

- The confidence to explore and develop your poetry-writing skills;
- An understanding of the variety of forms that poetry can take;
- An ability to view the world with a 'poet's eye;'
- A certificate of attendance.

### Students should bring:

- Pens/pencils (pencil case) and notebook
- Water bottle
- Clothing suitable for outdoor breaks

**Lunch and refreshments are provided.**

**School uniform is not required. No mobile phones.**



## Year 4/5/6 pupils – Christmas Cookery Course

Date of course	Times	Venue	Cost	Max. places	Subject
Wednesday 1 <sup>st</sup> December 2021	8am – 5pm	Braeside Education Centre	£40	10	Cookery E

### Course details

Start the festive month off the right way by joining us at Braeside for some Christmas Cooking. A bake-filled day where you will bake 3 different Christmas treats; Mince Pies, Gingerbread Men, and Snow Globe Cookies. You'll learn how to make your own pastry, gain an understanding about the accurate ratios of ingredients and the importance of accuracy of the ratios, and correct cooking temperatures. A festive lunch will be provided, and we will also have Christmas music playing throughout. Plus, each child will have a small Christmas gift from Braeside to take home with them. All in all, it's going to be a fun day for all involved and a great opportunity for the children to develop their catering skills.

### Guidance criteria for identifying participants:

- Pupils should be outgoing and confident.
- Pupils should demonstrate ability in Cookery and have an active interest in how to make food.
- Students do need to understand they will be working with new people, in unfamiliar surroundings and with equipment that can be dangerous.

### Course tutor

**Brodie Collins** is the Catering Manger here at Braeside. He has been cooking and baking for sixteen years. What started as a bit of home baking with his parents, quickly grew into a passion, experimenting with different flavours. He is the winner of 'Young Chef of The Year' competition in 2014. He has spent most of his career in the catering industry. His bubbly personality is a hit with the children and of the courses he has taught so far, the children always comment on the fact that they do not want to leave.

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

- Made three different food items
- Learnt to make your own pastry
- Learn some of the science that goes into baking
- Made new friends
- Learnt skills that your will use for the rest of your life
- Taken the next step on your catering journey

### Students should bring:

- Own apron if they have and wish to, not compulsory as we will have some for use.
- Comfortable clothes/shoes as they will be stood up for longer periods of time
- Water Bottle
- 12 Hole Muffin Tin
- Large Enough Tub to take home 12 Mince Pies, 6 Gingerbread Men and 6 Snow Globe Cookies.

**Lunch and refreshments are provided.**

**No mobile phones.**

## Year 4 pupils – Calculation Detectives

Date of course	Times	Venue	Cost	Max. places	Subject
Saturday 15 <sup>th</sup> January 2022	9.30am – 3.00pm	Braeside Education Centre	£60	16	Numeracy AGAT

### 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. All of this will build towards their final challenge as a 'Calculation Detective'. If you've got what it takes to join us, grab your notebook and join us for the day.

### Guidance criteria for identifying participants:

- Pupils with calculation skills and an interest in applying these in context.
- An ability to work independently but also to share / discuss their work
- The ability to work in unfamiliar conditions i.e. with other adults and children in a contextual setting
- A love of mathematics

### Course tutor

**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.

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

- 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
- Enjoyed yourself!

### Students should bring:

- Pencils and notepad
- Water bottle
- Clothes suitable for outdoor break

**Lunch and refreshments are provided.**

**School uniform is not required.**

**No mobile phones.**

## Year 5/6 pupils – ‘Take a Closer Look’; Microscopes

Date of course	Times	Venue	Cost	Max. places	Subject
Tuesday 16 <sup>th</sup> November 2021	9.30am – 3.30pm	Braeside Education Centre	£60	16	Science AGAT

### Course details

Exploring our World through microscopes enables us to transform the everyday into the extra ordinary. The excitement of seeing a ...poppy seed turn into a distant planet... or pond water become a teeming biological soup... is captivating; stimulating our creativity as much as it expands our science. The course enables children to develop their experiences and thinking as scientists by using microscopes to develop their skills and understanding. Through the science of microscopy their view of the world will never be the same!

### Guidance criteria for identifying participants

- Should have enquiring minds and a desire to explore.
- Should enjoy science and question their surroundings and experiences.
- Should be able to work 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 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.

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

- Have been entrusted with a wonderful scientific instrument (and probably want to buy your own!)
- See things in a different way and want to find out even more.
- Be enthused by the world that exists beyond the reach of our naked eye.

### You will also:

- Understand the impact of microscopy, how microscopes work and know about some of the significant scientists who have developed this field.
- Be trained in the use of microscopes and, if you meet the criteria, receive a certificate (based upon the work of the RMS).

### Students should bring:

Students will not be required to bring any specific materials or resources with them, although basic pencil case equipment may be helpful.

**Lunch and refreshments are provided.**

**School uniform is not required.**

**No mobile phones.**

## Year 5/6 pupils – The Mystery of Braeside Manor

Date of course	Times	Venue	Cost	Max. places	Subject
Friday 19 <sup>th</sup> November 2021	9.30am – 3.30pm	Braeside Education Centre	£60	16	Literacy AGAT

### Course details

This creative, practical day will explore sensory writing in a setting that encourages imaginative thinking. Young writers will use their skills of observation to create mystery and intrigue in their writing; they'll be introduced to techniques that can hook a reader from the very first line. In the atmospheric rooms of the Braeside Centre, we'll ask: who might have lived here in years gone by; what were their lives like...and what secrets might the house be hiding?

### Guidance criteria for identifying participants:

- Pupils should be able to sustain their focus on writing.
- Pupils should enjoy using their imagination.
- Pupils should have an interest in writing for fun.

### Course tutor

**Elen Caldecott** has written for children for over a decade. Her novel *The Mystery of Wickworth Manor* was partly inspired by her own visit to an educational centre as a child. As well as writing mysteries, she also writes detective fiction and fantasy fiction. She is an Associate Lecturer in Creative Writing at Bath Spa University. She enjoys reading and walking her dog along the South West's beaches.

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

- Practised writing suspense, mystery or thriller
- Used setting to inspire a story
- Had an opportunity to write and edit a brand new piece of work
- Shared that piece with an audience of peers
- Practised sensory writing: touch, sound, smell, as well as sight
- Been given advice on their writing by an experienced author
- Had fun!

### Further reading

There are many books that use historical buildings as settings. You may enjoy some of these:

- *Tom's Midnight Garden* by Philippa Pearce
- *Letters From the Lighthouse* by Emma Carroll
- *Diver's Daughter* by Patrice Lawrence

### Students should bring:

- A notebook or notepad and pen
- Water bottle

**Lunch and refreshments are provided.**

**School uniform is not required.**

**No mobile phones.**

## Year 5/6 pupils – Lego Mindstorms Robotics Challenge

Date of course	Times	Venue	Cost	Max. places	Subject
Tuesday 30 <sup>th</sup> November 2021	9.30am – 4.30pm	Braeside Education Centre	£60	16	Science AGAT

### 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*<sup>®</sup> LEGO<sup>®</sup> 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
- Water bottle

**Lunch and refreshments are provided.**

**School uniform not required.**

**No mobile phones.**

## Year 5/6 pupils – Christmas Maths

Date of course	Times	Venue	Cost	Max. places	Subject
Saturday 4 <sup>th</sup> December 2021	9.30am – 3.00pm	Braeside Education Centre	£60	16	Numeracy AGAT

### Course details

Come along for a day of Maths inspired by Christmas! Pupils will experience a variety of learning activities to challenge and extend their mathematical problem-solving skills. They will investigate maths in various Christmas contexts and take part in practical problem-solving activities. Children will work independently as well as working in groups to solve puzzles and problems using number and geometry.

### 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 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 on coming on the course you will have:

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

### What you will take away with you:

- New knowledge and methods of thinking
- A certificate of attendance

### Students should bring:

- Pen/Pencil
- Notepad
- Water bottle
- Coat

**Lunch & refreshments are provided.**

**School uniform is not required.**

**No mobile phones.**

## Year 5/6 pupils – Chemistry Day: Solids, Liquids and Gases

Date of course	Times	Venue	Cost	Max. places	Subject
Tuesday 11 <sup>th</sup> January 2022	9.30am – 3.30pm	Braeside Education Centre	£60	16	Science AGAT

### 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 – Super Sleuths and Daring Detectives

Dates of courses	Times	Venue	Cost	Max. places	Subject
Friday 14 <sup>th</sup> January 2022	9.30am – 3.30pm	Braeside Education Centre	£60	16	Literacy AGAT

### Course details

This creative, practical day will inspire genre-writing in a setting that encourages imaginative thinking. Young writers will create their own super sleuths to investigate the clues, mysteries, and red herrings that the writers will have conjured. Together we will explore the qualities their character will need, and the tropes and devices required to write a satisfying whodunit.

### Guidance criteria for identifying participants:

- Pupils should be able to sustain their focus on writing.
- Pupils should enjoy using their imagination.
- Pupils should have an interest in writing for fun.

### Course tutor

**Elen Caldecott** has written for children for over a decade, including many detective stories. Her series The March Road Mysteries sees a gang of child detective work together to foil the nefarious activities in their neighbourhood. She is an Associate Lecturer in Creative Writing at Bath Spa University. As well as writing, she enjoys walking her dog along the South West's beaches.

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

- Had an opportunity to write and edit a piece of work
- Shared that piece with an audience of peers
- Practised character creation
- Understood some of the conventions of detective fiction
- Used setting to inspire a story
- Been given advice on your writing by an experienced author
- Had fun!

### Students should bring:

- Pen/Pencil
- Notepad/Paper
- Water bottle

**Lunch & refreshments are provided.**

**School uniform is not required.**

**No mobile phones.**



## Year 5/6 pupils – Space Explorers

Date of course	Times	Venue	Cost	Max. places	Subject
Thursday 20 <sup>th</sup> – Friday 21 <sup>st</sup> January 2022	10am – 4pm Both Days	Braeside Education Centre	£100	16	Science AGAT

### 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 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&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 <http://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 should bring:

- Pencils / pencil case
- Water bottle
- Clothes suitable for outdoor play

**Lunch and refreshments are provided.**

**School uniform is not required.**

**No mobile phones.**

## Year 5/6 pupils – Graphic Novels

Date of course	Times	Venue	Cost	Max. places	Subject
Thursday 27 <sup>th</sup> January 2022	9.30am – 3.30pm	Braeside Education Centre	£60	15	Literacy AGAT

### Course Details

Graphic novels - i.e., novels in comic-strip format - are a popular and entertaining form of literature which combine drawing and design with carefully crafted text into a structured whole. A specific combination 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, then design and produce their own short version of either a well-known story or their own original creation.

### Guidance Criteria for Identifying Participants

Pupils should:

- enjoy writing for pleasure;
- be confident in the processes of creative drawing and designing;
- be willing to share and discuss their thoughts and ideas;
- be able to work freely and confidently, both independently and collaboratively.

### Course Tutor

**Louise Lawrence** graduated from the University of the West of England in 2002, with a BA honours degree in Primary English. Her extensive work as a primary teacher in a range of settings has seen her teach gifted and talented pupils aged 4 to 11. Louise is an incredibly adaptable teacher, who is passionate about all aspects of teaching and learning and has also branched out to fulfil the roles of Early Years Practitioner, one-to-one tutor, secondary language teacher and youth worker. In addition to this, she is a school governor and children's rugby coach.

Louise is a creative individual with a particular passion for language, especially in relation to children's literature. She loves nothing more than to immerse herself in a good book with her own children and thrives upon the enjoyment of developing children's reading and writing skills across a range of exciting genres.

### As a result of participating in the course you will have:

- produced your own graphic novel;
- extended your ability to write for specific purposes & audiences.

### What you will take away with you:

- your finished graphic novel;
- an enthusiasm to widen your reading and writing repertoire;
- a certificate of attendance.

### Students should bring:

- Writing equipment
- Drawing/colouring equipment
- Notebook
- Water bottle
- Suitable clothing/footwear for outdoor breaks

**Lunch and refreshments are provided.**

**School uniform is not required. No mobile phones.**

## Year 5/6 pupils – ‘Globe-trotter Maths’

Date of course	Times	Venue	Cost	Max. places	Subject
Saturday 29 <sup>th</sup> January 2022	9.30am – 3.15pm	Braeside Education Centre	£60	16	Numeracy AGAT

### Course details

Pack your bag ready for a mathematical adventure! The pupils will experience a variety of learning activities to explore mathematics around the world and challenge their thinking. They will look at a variety of problems as well as learn about mathematicians from different countries. Children will work independently as well as working in groups to solve puzzles.

### 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 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 problems 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.**

## Years 5/6 pupils – Scalextric Science Lab

Date of course	Times	Venue	Cost	Max. places	Subject
Tuesday 1 <sup>st</sup> and Wednesday 2 <sup>nd</sup> February 2022	10am – 4pm Both Days	Braeside Education Centre	£100	16	Science AGAT

### Course details

Formula 1 racing meets the classroom on this action-packed and educational 2 day course. OK.....let's be honest for a moment.....you are going to have a great time playing with Scalextric, but at the same time conducting a high-level exploration into maths, physics and ICT. Your first challenge will be to plan a Scalextric layout, working in a small group. How do you ensure that the racing lanes are of equal length? The cars are 1/32 scale, but how fast would they be travelling if they were full size? How do you keep the cars on the track – is it driving skill or physics? The various groups' track designs will be put to the vote and the winning layout built in readiness for an evening of qualifying racing on Saturday. The latter part of the course concentrates on the new Scalextric Digital format which allows six cars to race simultaneously using state-of-the-art electronics. We will explore how the track and cars form a computer network and communicate with each other using binary data.

### 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&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 <http://www.AdrianDening.com>

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

- A greater understanding of physics and ICT.
- Become familiar with different numbering systems such as binary and hexadecimal.
- Worked successfully in a group with your peers, experiencing leadership and negotiation skills.
- Enjoyed new challenges and shared your knowledge with new like-minded friends.

### Students should bring:

- Pencils / pencil case
- Water bottle
- Clothes suitable for outdoor play

**Lunch and refreshments will be provided.**

**School uniform is not required. No mobile phones.**

## Year 5/6 pupils – Write Your Own Adventure

Date of course	Times	Venue	Cost	Max. places	Subject
Thursday 17 <sup>th</sup> February 2022	9.30am – 3.30pm	Braeside Education Centre	£60	16	Literacy AGAT

### Course details

This creative, practical day will explore how real life can inspire the most fantastical of stories. Starting from situations and locations familiar to the young writers, we will add a dollop of magic and adventure. If an everyday wardrobe can lead to Narnia, where will the objects in their own lives take the students?

### Guidance criteria for identifying participants:

- Pupils should be able to sustain their focus on writing.
- Pupils should enjoy using their imagination.
- Pupils should have an interest in writing for fun.

### Course tutor

**Elen Caldecott** has written for children for over a decade. Her novel *Operation Eiffel Tower* was inspired by her own childhood experiences, plus a little wish-fulfilment. As well as writing drama, she writes detective fiction and fantasy fiction. She is an Associate Lecturer in Creative Writing at Bath Spa University. As well as writing, she enjoys walking her dog along the South West's beaches.

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

- Practised fantasy writing: creating fantastical worlds
- Had an opportunity to write and edit a brand new piece of work
- Shared that piece with an audience of peers
- Practised life writing: observing and reflecting on their own environment
- Been given advice on their writing by an experienced author
- Had fun!

### Further reading

There are many books that blend real life and fantasy. You may enjoy some of these:

- *Tom's Midnight Garden* by Philippa Pearce
- *Harry Potter and the Philosopher's Stone* by J.K. Rowling
- *The Many Worlds of Albie Bright* by Christopher Edge

### Students should bring:

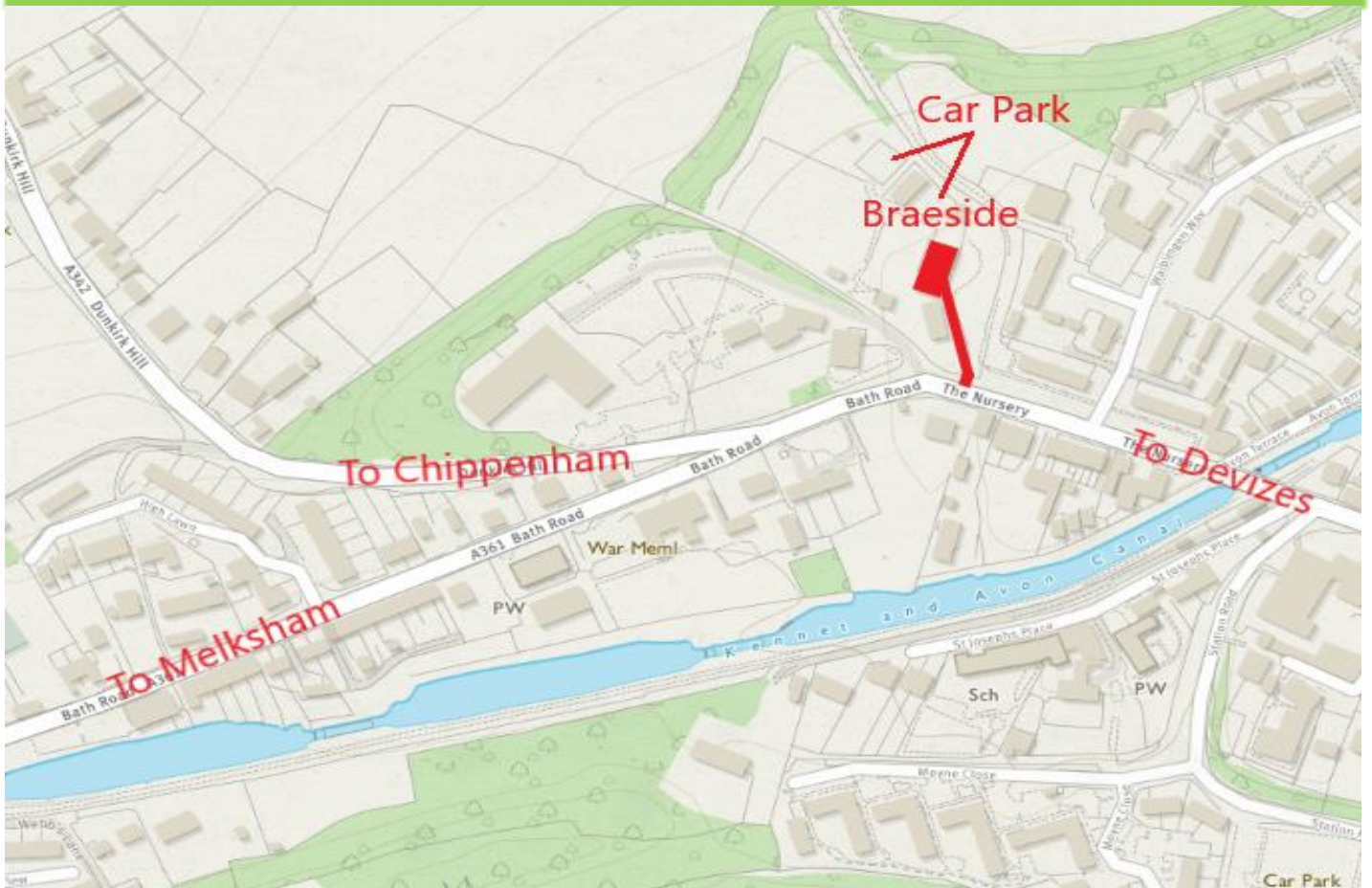
- A notebook or notepad and pen
- Water bottle

**Lunch and refreshments are provided.**

**School uniform is not required. No mobile phones.**

# Directions to Braeside Education Centre

Sat nav or Google maps Postcode  
SN10 2AF



Braeside Education Centre  
Bath Road  
Devizes  
SN10 2AP  
01380 722637  
[www.braeside-education.co.uk](http://www.braeside-education.co.uk)



**Braeside Education  
Centre**