



Braeside Education
Centre

Spring/Summer 2022

Primary School Years 2 - 6

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



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Centre**

Wiltshire Schools

Able, Gifted, Talented and Enrichment Courses

Spring/Summer 2022

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 Spring/Summer 2022 courses for primary school years 2 – 6

Years 2, 3 & 4

Year	Course Title	Subject	Tutor(s)	Date (s)	Time	Max. pupils	Cost including VAT	AGAT or E	Page
2/3	'Mystical Eggstravaganza' Creative Writing	Literacy	Louise Lawrence	Thursday 28 th April	9.30am – 2.30pm	16	£60	AGAT	10
2/3	Create a Story Character	Literacy	Louise Lawrence	Thursday 23 rd June	9.30am – 2.30pm	16	£60	AGAT	11
2	Mini Maths Challenge	Numeracy	Elizabeth Davis	Saturday 25 th June	9.00am – 2.00pm	16	£60	AGAT	12
3/4	Physics Day: Get Your Cognitive Cogs Turning	Science	Peter Sainsbury	Tuesday 17 th May	9.30am – 3.30pm	16	£60	AGAT	13
3/4	Matchstick Maths	Numeracy	Louise Lawrence	Thursday 19 th May	9.30am – 3.00pm	16	£60	AGAT	14
3/4	Dream BIG! Creative Writing	Literacy	Louise Lawrence	Thursday 9 th June	9.30am – 3pm	16	£60	AGAT	15
3/4	Gravity and Gunpowder	Science	Adrian Denning	Monday 27 th June	9.30am – 3.30pm	16	£60	AGAT	16
3/4	Write a Stunning Illustrated Story	Literacy	Louise Lawrence	Thursday 7 th July	9.30am – 3pm	16	£60	AGAT	17
3/4	Maths Mapping Challenge	Numeracy	Elizabeth Davis	Saturday 9 th July	9.00am – 2.30pm	16	£60	AGAT	18
3/4	Art Meets Science; Magic Moths	Science Art	Tone Townsend	Monday 11 th July	9:00am – 3:30pm	16	£60	AGAT	19
3/4	Spies and Secret Agents	Science	Adrian Denning	Monday 11 th July	9.30am – 3.00pm	16	£60	AGAT	20

Years 5 & 6

Year	Course Title	Subject	Tutor(s)	Date (s)	Time	Max. pupils	Cost including VAT	AGAT or E	Page
5/6	The Mystery of Braeside Manor	Literacy	Elen Caldecott	Friday 29 th April	9.30am – 3.30pm	16	£60	AGAT	21
5/6	Write your own Adventure	Literacy	Elen Caldecott	Friday 20 th May	9.30am – 3.30pm	16	£60	AGAT	22
5/6	'Take a closer look'; Microscopes	Science	Peter Sainsbury	Thursday 16 th June	9.30am – 3.30pm	16	£60	AGAT	23
5/6	Rocket Scientists	Science	Adrian Dening	Saturday 25 th & Sunday 26 th June	9.45am – 3.30pm	16	£100	AGAT	24
5/6	Maths All Around	Numeracy	Hannah Crook	Saturday 25 th June	9.30am – 3.00pm	18	£60	AGAT	25
5/6	Lego Mindstorms Robotics Challenge	Science	John Trickett	Thursday 30 th June	9.30am – 4.30pm	16	£60	AGAT	26
5/6	Super Sleuths and Daring Detectives	Literacy	Elen Caldecott	Friday 8 th July	9.30am – 3.30pm	16	£60	AGAT	27
5/6	Stars of Mathematics	Numeracy	Hannah Crook	Saturday 9 th July	9.30am – 3.00pm	18	£60	AGAT	28
5/6	Around the World in 48 Hours	Science	Adrian Dening	Saturday 9 th & Sunday 10 th July	9.45am – 3.30pm	16	£100	AGAT	29

Introduction to the courses

These courses follow on from successful courses run in previous years and offer further opportunities from April - July 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**
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.

OFFICE USE ONLY	
Date Received:	
REF:	
PAYMENT:	

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.

Name of course		Course dates		Time	
Forename		Surname		M / F	
Date of birth		Parent/Carer Name			
Address					
Tel. No. 1		Tel. No. 2		Two phone numbers must 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;

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

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-notices.html>

Year 2/3 pupils – ‘Mystical Eggstravaganza’ Creative Writing

Date of course	Times	Venue	Cost	Max. places	Subject
Thursday 28 th April 2022	9.30am – 2.30pm	Braeside Education Centre	£60	16	Literacy AGAT

Course details

Did you see that? There is something beautiful over there, glinting in the sunshine and almost hidden by the long grass!

What is it and how did it get there?

Perhaps we should take a closer look... Wait; stand back! A dragon’s egg, you say?

Let’s think about what this mystical object really is, not to mention what might lie within its eye-catching shell. We will then work collaboratively to create a descriptive writing toolkit which, alongside sensory exploration, will be used for writing imaginatively jaw-dropping descriptions and poems about our amazing discovery.

Now for our dilemma:

What should we do with the egg?

Where should it be put for safekeeping?

How can it be transported?

Who will be in charge?

When will it hatch and *what* will our egg-dweller need?

It’s time to focus upon the key elements of persuasion and decide what to do with our precious object. Who knows?

You could be leaving today’s session with more than you bargained for!

Guidance criteria for identifying participants:

Pupils should:

- be keen to develop their descriptive and persuasive writing skills
- enjoy communicating and collaborating with new people
- love writing creatively and descriptively
- be able to write with a specific purpose in mind

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:

- been immersed in the fantasy genre
- used sensory exploration to produce an imaginative description
- worked with new people
- used persuasive language
- received a course certificate to treasure
- ENJOYED YOURSELF!

Students should bring:

- pencils/pens/paper
- water bottle
- appropriate clothing for outdoor breaktimes

Lunch and refreshments are provided. School uniform is not required.

No mobile phones.

Year 2/3 pupils – Create a Story Character

Date of course	Times	Venue	Cost	Max. places	Subject
Thursday 23 rd June 2022	9.30am – 2.30pm	Braeside Education Centre	£60	16	Literacy AGAT

Course details

This is a wonderful opportunity to create your very own story character. Let's come together to study the famous characters of renowned children's authors/illustrators, and pinpoint what makes them enjoyed by so many. Unleash your imagination, as you begin to make important decisions about your own character, including its name, setting, personality traits and appearance.

The most exciting thing about this is that THERE ARE NO RULES! Your character can be as wacky, disgusting or unusual as you'd like, providing that he or she is unique and believable. Immerse yourself in writing a detailed character profile and creating an amazing illustration of your character. We will also explore the use of role play, which is great fun and will ensure that the details you provide sound authentic. Your new character will be used as the starting point for your own jaw-droppingly brilliant story – perhaps the first of many. Who knows? We might even see some of these characters in print one day!

Guidance criteria for identifying participants:

- Pupils should be creative and imaginative.
- Pupils should enjoy collaborating with others.
- Pupils should demonstrate attention to detail and good decision-making skills.

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

- explored what makes a unique and memorable story character through studying a range of texts and authors
- shared your ideas, showcasing your character through role play with others
- created a detailed and believable character profile, including an eye-catching illustration of him/her
- used your character as the starting point for a story
- received a course certificate to treasure
- HAD FUN!

Students should bring:

- a notebook/pad and pen/pencil
- coloured pens/pencils
- a water bottle
- clothing that is suitable for outdoor break times

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 25 th June 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 3/4 pupils – Physics Day: Get Your Cognitive Cogs Turning

Date of course	Times	Venue	Cost	Max. places	Subject
Tuesday 17 th May 2022	9.30am – 3.30pm	Braeside Education Centre	£60	16	Science AGAT

Course details

The study of our World through Physics helps us understand the existence of forces and motion, how they operate in nature and the universe and how we can use them to enhance our lives. The course will immerse children in hands on experiences and investigations to develop their scientific understanding of Forces, Friction and Cogs, Gears, Pulleys and Levers.

As scientists, they will be engaged in practical activities and consideration of theories and models. We shall push ourselves cognitively, pull out ideas to test, rub our brain cells together and set in motion our inquisitiveness. The whole day is geared to engage, challenge and enthuse.

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 attending the course you will have:

- Have been challenged by Forces, Friction and Motion
- Investigated difference phenomena, laws and theories
- Explored how we can use science in our lives

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 3/4 pupils – Matchstick Maths

Date of course	Times	Venue	Cost	Max. places	Subject
Thursday 19 th May 2022	9.30am – 3.00pm	Braeside Education Centre	£60	16	Literacy AGAT

Course details

This is an exciting opportunity to get immersed in matchstick mayhem! Work your way around a ‘carousel’ of fun mathematical logic puzzles, manipulating actual matchsticks to aid your problem-solving and create useful visual representations.

As the day progresses, you will get the chance to investigate linear sequences of matchstick patterns. You will learn to record basic algebraic representations of your findings and use these to make predictions involving larger sequences. The real challenge will be to design your own linear sequence for others to investigate!

Guidance criteria for identifying participants:

- Pupils should be keen and able mathematicians.
- Pupils should demonstrate good problem-solving skills and a ‘can do’ approach to new challenges.
- Pupils should enjoy hands-on Maths activities.

Course Tutor

Louise Lawrence graduated from the University of the West of England in 2002, with a BA honours degree in Primary Teaching. Her extensive work as a teacher in a range of settings has seen her teach gifted and talented pupils aged 4 to 11. Louise is an incredibly adaptable teacher. She 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. She is also a school governor and children’s rugby coach. Louise thrives upon the opportunity to use Mathematics as a means of introducing pupils to concepts, skills and thinking strategies that are essential in day to day life. Seeing children delight in using Mathematics to solve a problem is one of the things that really makes her tick!

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

- worked collaboratively with others
- put your logic and problem-solving skills to the test
- carried out and designed mathematical challenges of an investigatory nature
- created useful visual and written representations of your findings
- received a course certificate to treasure
- HAD FUN!

Students should bring:

- a notebook/pad and pen/pencil
- coloured pens/pencils
- a water bottle
- clothing that is suitable for outdoor break times

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 9 th June 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:

Pupils should:

- be keen to develop their creative writing skills
- enjoy working collaboratively and communicating with new people
- thrive upon showcasing their creativity, especially in relation to the use of descriptive language
- a desire to combine their 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
- received a course certificate to treasure
- HAD FUN!

Students should bring:

- pencils/pens/paper
- water bottle
- appropriate clothing for outdoor breaktimes

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 27 th June 2022	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 then fly a selection of model rockets to prove the theories that have been discussed. Computer simulation will be used to check each rocket's design and stability before launching for real later in the afternoon. 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.

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 five 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. He is the Technical and Training Director of Radio Ninesprings, a local community radio station and produces a weekly astronomy program for them. 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. 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.
- 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 – Write a Stunning Illustrated Story

Date of course	Times	Venue	Cost	Max. places	Subject
Thursday 7 th July 2022	9.30am – 3.00pm	Braeside Education Centre	£60	16	Literacy AGAT

Course details

Write and illustrate a wonderful story, in a day! Let your imagination run wild as you immerse yourself in writing and drawing. Discuss, explore and try out different styles of writing. Devise your own characters and explore the use of role play with others, so that the dialogue within your story is really believable. Bring together your knowledge of story features to create a story to treasure!

Guidance criteria for identifying participants:

Pupils should:

- love writing and want to engage their reader
- be willing to discuss their ideas and listen to others' as they explain their thoughts and plans
- enjoy creating a story with illustrations – although they do not need to be established artists!

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

- explored what makes an excellent story through studying a range of texts
- discussed your ideas, trying out dialogue/characters through role play with others
- thought about the reader's needs, considering the use of structure, vocabulary and technical devices that compliment your chosen genre
- used eye-catching illustrations to depict and enhance your story
- received a course certificate to treasure
- HAD FUN!

Students should bring:

- a notebook/pad and pen/pencil
- coloured pencils
- a water bottle
- clothing that is suitable for outdoor break times

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Year 3/4 pupils – Mapping Maths Challenge

Date of course	Times	Venue	Cost	Max. places	Subject
Saturday 9 th July 2022	9:00am – 2:30pm	Braeside Education Centre	£60	16	Numeracy AGAT

Course details

Meet new friends, solve puzzles, use grid and map references, use equipment, discuss and create your own adventure island 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

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 space, direction 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 working and breaks

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Year 3/4 pupils – Art Meets Science; Magic Moths

Date of course	Times	Venue	Cost	Max. places	Subject
Monday 11 th July 2022	9.00am – 3.30pm	Braeside Education Centre	£60	16	Art & Science AGAT

Course details

A cross-curricular day course combining aspects of Art and Science in the creation of an individual project. Pupils will gain an appreciation of paper types, uses of different paint mediums and blending of complimentary colours, followed by the opportunity to practice some creative techniques.

Using their newly acquired knowledge, pupils will be able to create their own colourful moth design.

In the second part of the course, learning about the discoveries of Sir Isaac Newton will add science to the moth creations. Pupils will use their moths to demonstrate the forces of gravity, making the moths appear to fly like magic.

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 – Spies and Secret Agents

Date of course	Times	Venue	Cost	Max. places	Subject
Monday 11 th July 2022	9.30am – 3.00pm	Braeside Education Centre	£60	16	Science AGAT

Course details

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

The day begins with an exploration into the history of spying and the mysterious world of codes and ciphers. Students will become expert at understanding encryption techniques – the different ways of scrambling a message so that it can only be understood by the intended recipient.....or can it?

Then we will take a look at secret radio transmissions and learn how messages can be sent to a spy operating on a covert mission. The course concludes with all our newly-trained MI99 field agents experimenting with a selection of radio bugs to eavesdrop on other parts of the building.

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 five 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. He is the Technical and Training Director of Radio Ninesprings, a local community radio station and produces a weekly astronomy program for them. 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. 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 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 – The Mystery of Braeside Manor

Date of course	Times	Venue	Cost	Max. places	Subject
Friday 29 th April 2022	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 – Write Your Own Adventure

Date of course	Times	Venue	Cost	Max. places	Subject
Friday 20 th May 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.

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

Date of course	Times	Venue	Cost	Max. places	Subject
Thursday 16 th June 2022	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 – Rocket Scientists

Dates of course	Times	Venue	Cost	Max. places	Subject
Saturday 25 th & Sunday 26 th June	9.45am – 3.30pm	Braeside Education Centre	£100	16	Science AGAT

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 groups to design rockets that will be launched to test the scientific theories that have been covered. Computer simulation will be used to check each rocket's stability before launching for real. 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.

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 five 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. He is the Technical and Training Director of Radio Ninesprings, a local community radio station and produces a weekly astronomy program for them. 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. 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 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.

Year 5/6 pupils – Maths All Around

Date of course	Times	Venue	Cost	Max. places	Subject
Saturday 25 th June 2022	9.30am – 3.00pm	Braeside Education Centre	£60	18	Numeracy AGAT

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 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.

Year 5/6 pupils – Lego Mindstorms Robotics Challenge

Date of course	Times	Venue	Cost	Max. places	Subject
Thursday 30 th June 2022	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*[®] 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
- Water bottle

Lunch and refreshments are provided.

School uniform not required.

No mobile phones.

Year 5/6 pupils – Super Sleuths and Daring Detectives

Dates of courses	Times	Venue	Cost	Max. places	Subject
Friday 8 th July 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 – Stars of Mathematics

Date of course	Times	Venue	Cost	Max. places	Subject
Saturday 9 th July 2022	9.30am – 3.00pm	Braeside Education Centre	£60	18	Numeracy AGAT

Course details

Who's Ada Lovelace? Who is the 'Father of Geometry'? Who invented algebra?

Let's find out!

On this course, the pupils will experience a variety of learning activities inspired by the discoveries of famous mathematicians from the past. Pupils will experience a range of problem-solving activities from all areas of mathematics.

The course will include working 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.

Year 5/6 pupils – Around the World in 48 Hours

Course details

Dates of course	Times	Venue	Cost	Max. places	Subject
Saturday 9 th & Sunday 10 th July 2022	9.45am – 3.30pm	Braeside Education Centre	£100	16	Geography Science AGAT

The first thing that springs to mind when somebody mentions "geography" is probably an atlas or map of the World. Our planet is very dynamic and constantly changing, so in addition to challenging your knowledge of different countries, we will be employing a variety of high-tech methods to monitor the Earth's weather, volcanoes, and earthquakes in real time. If you look skywards, clouds are pretty obvious, but our atmosphere is also full of invisible electro-magnetic radio waves and we will use these to transmit all around the World through Amateur Radio and go fact-finding about various countries by asking the people that actually live there! How will we get around the language barrier and how will the atmosphere effect who we can contact?

Guidance criteria for identifying participants:

- Pupils should enjoy science and have 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.

Course tutor

Adrian Dening has over thirty five 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. He is the Technical and Training Director of Radio Ninesprings, a local community radio station and produces a weekly astronomy program for them. 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. 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 the World around you.
- Received radio signals from all over the Earth's surface.
- Monitored the weather and gained an appreciation of how dynamic our planet really is.
- 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.**

