

# Year 5/6 pupils – Venture into Space

Date of course	Times	Venue	Cost	Max. places	Subject
Tuesday 12 <sup>th</sup> November 2024	9.30am – 3.30pm	Braeside Education Centre	£60	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 and why do the stars appear to move? Do you fancy holding a real meteorite and having the opportunity to look through a professional telescope? This exciting course introduces pupils to the fundamentals of astronomy and ventures 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 chance to examine the meteorite and use a special observatory-grade telescope to view the Sun as it will be daylight. There will also be tips on how to observe the night sky for when you are back at home.

## 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 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 AGAT 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 planets in our Solar System.
- Made detailed observations of the Sun.
- Understand the relationship between Earth and its moon.
- Enjoyed new challenges and shared your knowledge with new like-minded friends.

## Students should bring:

- Pencils / pencil case
- Water bottle
- Clothes suitable for outdoor break times

**Lunch and refreshments are provided.**

**School uniform is not required.**

**No mobile phones.**