

Year 3/4 pupils – Aviation Aces

Date of course	Times	Venue	Cost	Max. places	Subject
Tuesday 23 rd 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.**