Years 5/6 pupils – Scalextric Science Lab

Dates of course	Times	Venue	Cost	Max. places	Subject
Tuesday 12th January 2027	**9.30am – 3.30pm**	**Braeside Education Centre**	**£65**	**16**	**Science AGAT**

Course details

Formula 1 racing meets the classroom on this action-packed and educational 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 an exploration into maths and physics. A large Scalextric layout provides the opportunity to learn first-hand about the role that the electronics play. How do you keep the cars on the track – is it driving skill or physics? Are you up for the challenge to take 1st 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 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 physics and 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
- Notebook
- Water bottle
- Clothes suitable for outdoor play

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