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

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

**Course details**

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.**