

### **Gifted and Talented Children**

What do we mean by 'gifted and talented'? Dorset LEA defines very able and gifted children as:

*... children who have ability or abilities beyond the large majority of the children in the school and who consequently require more challenging teaching and opportunities.... Their potential will be shown in any or all of a wide range of contexts such as different learning styles, creativity or leadership.*

(Dorset LEA Policy for Very Gifted Children, Feb 2003)

All schools are now required to identify their gifted and talented children, and ensure that their needs are met through supplementing the curriculum with additional opportunities and enrichment activities.



### **Leeson House Field Studies Centre**

Here at Leeson House, we provide a range of enrichment courses designed specifically for these gifted and talented children. Courses generally run over weekends, although some may take place during the week. The price of each course includes accommodation, food, tuition and most materials.

The courses are open to children from any school, but we do ask that the child's school complete an endorsement confirming that they would be suited to the intensiveness and subject matter of the course.

The content of the courses is intended not only to support and enrich the National Curriculum, but also to extend outside of it into other areas. All the teaching staff are experts in their field, and with working with gifted and talented children.

Leeson House has been providing residential experiences for children for many years, and the staff here are practised in easing the worries of those children away from home for the first time, along with caring for all who stay with us. Where possible, friends are put together in bedrooms, providing it has been requested on the application form.

**Places are limited, so please book early to avoid any disappointment!** Feel free to phone the centre on 01929-422126 if you have any queries or concerns.

***The Dorset programme for gifted and talented pupils offers you a unique opportunity to be part of the stimulating residential course:***

## **“WACKY RACES”**

**Maths, Physics and ICT**

**Years 6 to 8**

**Formula One racing meets the classroom!**



**At Leeson House Field Studies Centre, Swanage  
Friday 3<sup>rd</sup> to Sunday 5<sup>th</sup> December 2010**

**£140 all inclusive**

**Course Director: Adrian Dening ASSOC CIPD**



## Wacky Races

Formula 1 racing meets the classroom in this action-packed and educational weekend.

OK.....let's be honest for a moment.....you are going to have a great time playing with a monster Scalextric layout, but at the same time conducting a high-level exploration into maths, physics and ICT.

Your first challenge will be to plan the layout using computer-aided design. How do you ensure that the racing lanes are of equal length? The cars are 1/32 scale, but how fast would they be travelling if they were full size? What role do aerodynamics play in keeping them on the track? How the cars are powered and how does that compare with their real Formula 1 counterparts?

Slot racing normally involves only two cars, with each racing in a separate lane. That would be way too simple, so we will be running up to six cars simultaneously. The cars are digital and have miniature computers inside them so the whole racing circuit becomes a wireless network that you will have to configure!

The course runs from 5pm on Friday 3rd to 2pm on Sunday 5<sup>th</sup> December 2010. At 1pm on Sunday, a Presentation to Parents will take the form of "race day", providing the opportunity for you to explain the technology you have discovered and demonstrate your driving skills.

For further information, please contact Adrian on 07834 922858 (evenings) or via email to [courses@AdrianDening.com](mailto:courses@AdrianDening.com)

## Adrian Dening

Adrian has been directing electronics and space science courses for gifted and talented children since the mid 80s. His interest in the subjects began at school where he became a licensed radio amateur and astronomer.

As a member of the Chartered Institute of Personnel and Development, Adrian offers courses covering a range of science related topics, software applications, media studies and communication skills.

He is a registered instructor for the Amateur Radio Licence Scheme and an Approved Driving Instructor.

A full biography of Adrian with details of all the courses he runs at residential centres and schools is available on his website

[www.AdrianDening.com](http://www.AdrianDening.com)

## Leeson House Field Studies Centre

Leeson is an historic house situated on the Isle of Purbeck in Dorset - an Area of Outstanding Natural Beauty. The local landscape encompasses hills, heath and the Jurassic Coastline – a World Heritage Site – all derived from the local and wide-ranging geology. Sites such as Corfe Castle, Arne Nature Reserve and the Purbeck Hills all provide inspirational settings for both physical and academic activities.

Facilities include 2½ hectares of ecologically managed grounds, a games field, classroom, laboratory and library, and a large games room. Accommodation is in dormitories, with separate shower and toilet facilities. Staff will be resident close by in the house during all overnight courses.

Leeson works within Dorset LEA's guidelines for safety during offsite and residential visits. All staff are checked via the Criminal Records Bureau, as are any visiting teaching and support staff. All security measures have been taken to ensure the safety of students whilst staying at Leeson House.

[www.leesonhouse.com](http://www.leesonhouse.com)