

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.

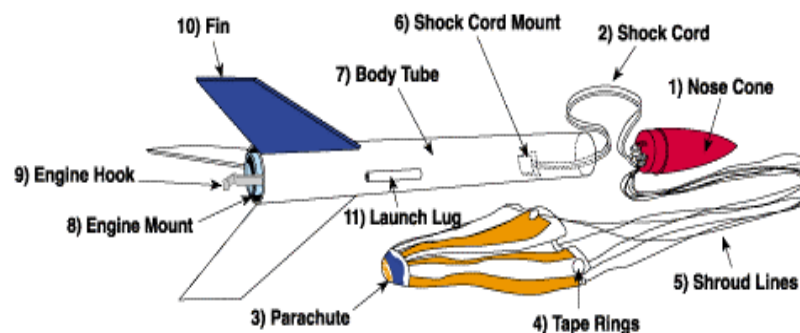
Places are limited, so please book early to avoid any disappointment! Feel free to phone the centre on 01929-422126 if you have any queries or concerns.

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

“ROCKET SCIENTISTS”

The theory and practical design of rockets using computer modelling.

For students in school years 6, 7 and 8.



**At Leeson House Field Studies Centre, Swanage
Friday 18th to Sunday 20th February 2011**

£140 all inclusive

**Course Director: Adrian Dening
Tutor: Tone Townsend**



“Rocket Scientists”

This is one of our most popular courses and it provides the opportunity to research the history of space travel and explore, from a technical viewpoint, the design of vehicles that make it possible.

The course opens with a study of physics and aerodynamics, including Newton’s Three Laws of Motion, Bernoulli’s Principle and an explanation of the “Triangle of Fire”. To reinforce this learning, working in small groups, participants will plan and construct model rockets to strict design criteria in anticipation of a launch on the final morning of the course. Computer-based calculations of flight profiles for the rockets that have been built will be confirmed by trigonometry at the launch site.

The course runs from 5pm on Friday 18th to 3pm on Sunday 20th February 2011. There will be a presentation by the pupils at 2pm on Sunday to display the work done during the course, justify the design considerations behind their rockets and deliver a briefing on how well they flew! All are welcome to attend.

(Please note that as the course involves substantial group work it isn’t possible for every student to build and keep an individual rocket)

For further information, please contact the Course Director, Adrian Dening on 07834 922858 (evenings) or via email to courses@AdrianDening.com.

Adrian Dening & Tone Townsend

Adrian Dening has been directing electronics and space science courses for able, gifted and talented children since the mid-1980s. His interest in the subjects began at school, where he became a licensed Radio Amateur and enthusiastic astronomer. As a member of the Chartered Institute of Personnel and Development, Adrian also offers courses covering a range of other science-related topics, software applications and communications skills. He is a registered instructor for the Amateur Radio Licence Scheme through the Radio Society of Great Britain.

Tone Townsend is completing her PGCE teaching qualification and holds a degree in industrial ceramics. She has actively pursued interests in art and science since school-days. Tone is an enthusiastic Amateur Radio operator and astronomer. This experience enables Tone to provide a unique range of her own courses exploring links between art and technology, actively encouraging students to broaden their range of thinking.

For further details of the courses that Tone and Adrian offer, please visit <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.