

# ACTIVITY REPORT

**By** IMechE Dorchester Schools Liaison Officer  
in association with Dorset ASSET

**For** September 2009 to July 2010 School Year

## Introduction

The following work has been jointly funded by [Dorset ASSET](#), the [Institution of Mechanical Engineers \(Dorchester\)](#) and the Schools and Pupils themselves.

### **Budmouth Technology College :-**

We formed a new group in September and have made minor projects such as acrylic bowls, seats, candlesticks, hamster houses, etc. We recruited more Year 7 members in January and have completed bench design, construction and testing. Following half term we plan other projects based on problem solving techniques.

We have planned a trip to the Fleet Air Arm flight museum at Yeovilton on 17<sup>th</sup> February (during half term).

We built a Greenpower Car last year and are working on a second lightweight version for this race season.

Textile and Design Projects for GCSEs, A levels and the Valter Prize are approaching completion. All will be on display on 27<sup>th</sup> April and members Dorset ASSET and the Dorchester Area IMechE Committee are encouraged to make time to come along and look around the vast array of work. The school steam engines will also be running on the day.

### **All Saints School :-**

This year the Greenpower team has grown from last years team. The members are keen and their abilities have grown. Team spirit has improved dramatically after last years racing season.

The Greenpower Car from the 2008/2009 race season is ready for this season.

We have completely stripped the old car built some 6 - 7 years ago and amazingly after lying idle for this length of time it fired up and has been run at the school. It will not race in Greenpower but we will use it as a project to build a new body on the existing chassis.

### **Broadmayne First School & Frome Valley CE VA First School :-**

We plan to take a 59 seat coach to "Explore @ Bristol" on 24<sup>th</sup> May with some of the funds donated by the IMechE, Dorset ASSET and the children themselves. The year 4's will have a wonderful day of totally hands on experience of many of the aspects of science and engineering.

We also plan to take the Year 4's from Broadmayne First School to the Durlston Country Park for a Science Field Day on 25<sup>th</sup> March, this will include habitat uses and food chains.

**Steve Stubbing**

**February 2010**