

# Directories Snapshot

In every issue of the STEM eNewsletter we will highlight schemes from the STEM Directories which teachers may be interested in accessing. For further information on the programmes simply click on the link provided or for full listings for the STEM Directories go to [www.stemdirectories.org.uk](http://www.stemdirectories.org.uk)

## Science

### Science Enhancement Programme

- Teaching Resources
- Student Resources
- Courses & Training Opportunities



The Gatsby Science Enhancement Programme (SEP) provides high-quality resources aimed at encouraging practical work in the classroom.

SEP supports science education in the UK. We develop innovative, high quality, resources for secondary science at low cost making them affordable and easily accessible to schools, and support science teachers at all stages of their career, providing materials and development opportunities to improve classroom practice.



[www.sep.org.uk/](http://www.sep.org.uk/)

## Mathematics

### RAF Education Programme

- Teaching Resources
- Student Resources
- Clubs & In-School Activities



The RAF Target Maths website is part of the Royal Air Forces's Education Programme, a series of free, high-quality resources supporting the delivery of the maths and science curricula at Key Stages 3 & 4.

The maths activities found in the Students' Area are supported by a Teachers' Area, containing teachers' notes, curriculum maps and extension questions.

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



## Engineering & Technology

### 4x4 in Schools Technology Challenge

- Teaching Resources • Student Resources
- Out-of-school Activity • Clubs & In-School Activities



This programme challenges Key Stage 4 & 5 students to design and build a remotely controlled four wheel drive vehicle that will negotiate challenging road surface obstacles and electronic tests, on a model off-road track that emulates the concept of a full size 4x4. The challenge can be undertaken by groups of 4 to 6 students either in lessons which may be GCSE Engineering (double award) or GSCE Design and Technology or even as an extra curricular activity.

[www.4x4inschools.co.uk/](http://www.4x4inschools.co.uk/)

