

REBP and Army engineering challenge



Description of activity

The engineering challenge is a one day design and build, problem-solving activity, delivered in partnership with the Army.

Students are provided with an engineering brief and work together to keep their project on time and on budget. This helps to develop a range of key employability skills such as teamwork, communication, financial planning and time management.

Students work in teams of six to respond to the brief provided by the Army. Each team consists of a team leader, a finance officer, two production engineers and two design engineers.

Through this activity students will:

- develop enterprise skills including decision making, leadership and financial capability;
- have an opportunity to apply their personal learning and thinking skills including creative thinking and team working;
- take part in an inter-school competition; and
- be given an opportunity to understand the relevance of science, technology, engineering and maths (STEM) subjects to the world of work.

Career, work-related learning and enterprise framework 11 to 19

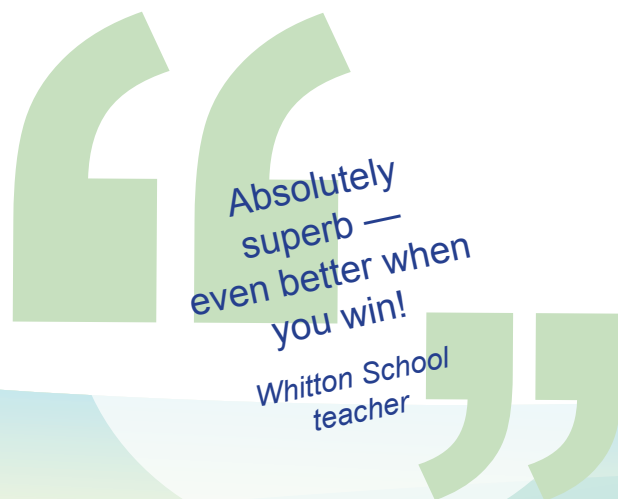
This activity contributes to elements: **1, 5, 9**

Every Child Matters – this activity contributes to:

- Enjoy and achieve
- Achieve economic wellbeing

Curriculum links

- Science
- Technology
- Engineering Diploma
- Personal finance education
- Citizenship



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| This activity is aimed at: | Year 9, Key Stage 4 |
| Maximum number of students: | One Year 9 team (six students) and two Key Stage 4 teams (12 students) |
| Time required for activity: | One day |
| Cost: | Free – funded by EBP |
| Schools are required to provide: | <ul style="list-style-type: none">• Time for member of school staff to attend event with students• Transport to and from the venue |
| This activity will take place on: | 16 March 2010 |
| Teams must be registered by: | 18 December 2009 |