



Workshop Statement & Information for Teachers

Name: Grace's Engineering Workshop (Primary Full-day)

Keywords: Transport, Machine, STEM, Engineering, Car, Building, contraptions

Run By: Grace Webb (as seen on BBC's Grace's Amazing Machines)

Appropriate Age: Primary (ideal for years 1-4)

AIM: The aim of the workshop is to engage children in Science, Technology, Engineering and Mathematical activities that motivate them to find answers for themselves, encourage them to work as a team and ask/answer questions to solve problems.

ABOUT: Grace has worked within the education sector for over 6 years in many different roles such as class teacher, assistant headteacher and as a presenter of cbeebies' educational series 'Amazing Machines'. Grace will be the workshop leader at your school, and along with her assistant, will deliver a unique and exciting STEM experience for children.

The full-day workshop would be ideal for 30-60 children to take part, however arrangements can be made to suit more/less children. A large area such as the school hall will be needed to run parts of the workshop and access to a computer/projector to show slides and video clips. Teachers are also asked to provide normal classroom equipment for the children to use during the design and technology aspect of the workshop such as A4 paper, A3 paper, pencils, rulers, felt tips, scissors etc. For two of the sessions during the day, children will be working in pairs, this is to encourage discussion, team work and thinking skills. Class teachers should consider which children will be working together prior to the workshop day.

Delivered by a qualified teacher and expert in her field, the workshop is a success with students. This workshop is unique and only delivered by Grace herself, so book early to avoid disappointment.

Workshop is protected by public liability insurance, risk assessment and workshop statement.

Example Plan of the Day for 60 children or less:

Time	Morning	Break	Mid Morning	Lunch	Afternoon	End of the day routine
Activity	<p>All children. Exciting Introduction Assembly – In Hall – Children will have the chance to sit on two different machines, discuss their features and think about engineering concepts.</p> <p>GROUP A 30 CHILDREN Car Design and Engineering – In classroom – Children will work in pairs to encourage discussion and begin to design and build a model car. They will work through the design process of research, plan and build.</p>		<p>GROUP A 30 CHILDREN Car Test and Re-design. Reflection and Congratulations. – In Hall – Children will then test out their cars and measure how fast they go. They can then evaluate their build and improve on this.</p>		<p>GROUP B 30 CHILDREN Car Design and Engineering – In classroom – Children will work in pairs to encourage discussion and begin to design and build a model car. They will work through the design process of research, plan and then build. Car Test and Re-design. Reflection and Congratulations. – In Hall – Children will then test out their cars and measure how fast they go. They can then evaluate their build and improve on this.</p>	

Approximate Costings:

Cost for 1 Full Day workshop for 60 children: £480

Cost for 1 Full Day workshop for 30 children: £255

Cost for Half Day workshop for 30 children: £225

Upon enquiry, please provide school address – there may be a travel cost depending on school location.

These costs are approximate. Please send your details to officialgracewebb@outlook.com and the enquires team will discuss with you and create a quote to suit your school and needs. There may be opportunity for discount if your school decides to book 2 days or more of workshops.