

GEMS PROGRAMME (KS2/3 Transition)

LESSON PLAN ONE

What is Engineering?

Slide	Subject	Description	Timing
1	Introduction to course and topic		5 mins
2	What is Engineering?	Discuss the field of engineering and how it is all around us. https://www.youtube.com/watch?v=bipTWWHya8A&index=28&list=WL	15 mins
3	What Does A Typical Engineer Do?	Discuss the different roles of engineering.	5 mins
4	Women in Engineering	Cover the roles of women in engineering, maybe list more women not already mentioned.	10 mins
	Emily Cummins	Discuss the inventor Emily Cummins and how her inventions have helped the modern world.	10 mins
5	Engineering & Photography	Take photographs of the engineering world around you.	10 mins
6	Summary	Recap on main points of learning in today's session.	5 mins