

Feedback form: DTE

What are we currently learning in lessons?	
<p>This half term your son is working on a model car project inspired by architecture from around the world. He:</p> <ul style="list-style-type: none"> - Will be utilising motors, pulleys , Gears and exploring functions of mechanical advantage, tension, stress and strain. You will create a functioning vehicle that will be able to run unassisted. - Will be learning to analyse and research famous architecture styles that exist around the world, using skills of oracy and class discussion - Will be learning how to create drawings inspired by the architecture chosen using 2 perspective drawing, orthographic drawings, 2D design and 3D design - Will also follow design strategies such as iterative design by sketching, modelling, testing avoiding design fixation - Will complete a final model at the end of this unit 	
Areas of Excellence	
Heart	Mind
<ul style="list-style-type: none"> • What are the SMSCE impacts of the model car • Is the product made using sustainable materials? • What are we using the model car for? 	<ul style="list-style-type: none"> • Opportunities to discuss the work of architecture/architecture styles • What is good design? • Do you like the architecture style • What makes an idea innovative? • Can you make innovative ideas that challenge all the ideas that have already been made?
Areas of Development	
Heart	Mind
<ul style="list-style-type: none"> • Demonstrate the understanding of conserving materials • What is the effect on unsustainability on our environment? 	<ul style="list-style-type: none"> • Demonstrate the ability to link learning to previously learned material and future learning • Demonstrate oracy skills and active recall when completing tasks
How can you support your child at home?	
<p>You can support your child best with an understanding of how vital DTE is in their daily lives and potential future careers with the subject inspiring engineers, design technologists, architects, product designers and much more. By studying design , technology and engineering , your child will be able to build up their creativity, problem solving, planning, and evaluation skills</p> <p>You can further support your child at home by nurturing their creative curiosity and when any homework is given to encourage your child to complete the work to the best of their ability utilising skills learnt in the classroom. The below websites are also very useful:</p> <p>https://www.bbc.co.uk/teach/class-clips-video/design-and-technology-ks3-explain-this/zhwdjvh</p>	

<https://www.technologystudent.com/>