

Stretch and challenge for DESIGN & TECHNOLOGY

Key Stage 3

- Create a visual step by step for your current project to help the next set of students when making the product. Include drawings and explanations of each stage outlining which tools are needed.
- Create a 3d drawing of a product of your choice using isometric drawing skills.
- Analysis is part of the design process. Look at the product of your choice and analyse the key features, giving your own opinion and explaining how the product could be improved.
- A design specification is a list of key points a design must meet. Write a design specification for a product of your choice, explaining why it must meet this point.
- Pick a product and redesign it. Try to be as imaginative and creative as you possibly can when improving the existing design. Use as much inspiration as you can to show creativity and flair in your design.
- Write a 10 question quiz on a design and technology topic you feel confident in.
- Research a designer that interests you and make a fact sheet on them explaining what makes their work unique.
- Use Google sketch up online by making a free education Trimble account using your school login details to practice your CAD drawing skills by designing a product of your choice on Sketchup.