



Year 8 Design and Technology



Task	Details	Points
Skyscrapers	What is the tallest building in the world? Who designed it? Where is it? What happens inside it? When was it built? What did it cost? Produce a one page report on the building. The Tallest Planned Skyscrapers in the U.S. and Worldwide	5pts
How it's made	Use the Youtube channel "How it's made" to produce an infographic on a product, for example a rubber car tyre. How It's Made: Car Tires	5pts
£50 notes	What are the key security features on the new polymer £50 note? How to check £50 banknotes – key security features Use the Youtube link to help you produce an infographic on this product explaining all the features you can identify.	5pts
Bee friendly bus stops	Read about Derby's bee friendly bus stops. Create a design for a bee friendly bus stop for your local area. Sketch on paper or using CAD. 'Bee-friendly' bus stops being installed in Derby city centre - BBC News	10pts
Packaging designs	Can you do better? Using these fantastic packaging design examples to help you, sketch and label a packaging idea that would make a common product look amazing. https://www.boredpanda.com/creative-product-packaging	10pts
Understanding Air pressure with straws	Working with suction, what's the longest straw you can make that still works by joining straws together. Think about where you try this experiment as it could get messy! https://www.youtube.com/watch?v=yrWqWEtSe2Q Make a short video blog of your experiment.	15pts
Tate Modern	Visit the Design Museum - prepare to be inspired! Create a poster of your visit that could be displayed in the D&T block entrance.	20pts

London Transport Museum	Visit the London Transport Museum . Take some photos of your say out! Use what you have learnt to create a history timeline poster of the development of a transport system e.g. bus, tram or train.	20pts
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