

Achieve Higher

Year 7



Co-op Academy
Stoke-on-Trent

SUBJECT NAME: Technology				
Half Term	Curriculum	Reading	Watching & Listening	Other Opportunities
Autumn Term	Module 1 - Design Communication	Drawing for Product Designers (Portfolio Skills)	How to Draw an Isometric Cube Oblique Cube Drawing	Using Tinkercad.com follow the tutorials to learn how to use basic 3D CAD software.
Spring Term	Module 2 - Mechanical Systems	Making Things Move DIY Mechanisms for Inventors, Hobbyists, and Artists	How levers pulleys and gears work	Visit Potteries Museum spitfire gallery https://www.stokemuseums.org.uk/pmag/exhibitions/spitfire/
	Module 3 - Fabrics & Fibres	The Sewing Book New Edition: Over 300 Step-by-Step Techniques	The Great British Sewing Bee	Create a product using household waste produce to demonstrate how products can be used and recycled
Summer Term				
	Module 4 - Product Analysis & Evaluation	The Design Of Everyday Things: Revised And Expanded Edition	What is D&T and why do we need it?	Disassemble a broken product at home to look at how it has been constructed and its functionality