Bishop Heber High School

Subject	Year	Term
Design and Technology	7	2

Topic

Design and Technology

Content (Intent)

Prior Learning (Topic) Year 7 D&T and KS2 Curriculum

Students will continue to study Design and Technology primarily in a workshop setting but will also move to textiles to learn about textiles technology and manufacture a product.
Students will focus on three main areas – Woods, metals and plastics. They will learn the theory behind the different categories and properties of the materials as well as design and make three products based on the three material categories.
Students will then move to Textiles and make a cushion using a number of surface pattern techniques.

Future Learning (Topic) Year 8 D&T and Year 8 Textiles

What Knowledge and Skills will be taught (Implementation)	How will your understanding be assessed & recorded (Impact)
The students learn the importance of safe working practices and good organisation. The aims are to: • Introduce the students to the workshop • Recognise the need for rules to establish safe working practices • Emphasise the importance of good organisation • Students start to understand what it is to be a designer • Drawing and communications skills are developed • Students learn about the nature of the materials and the tools and equipment used in the subject	<u>Assessment</u> Throughout the unit students will be introduced to the sub-skills of designing, which they will employ to solve the assessed design tasks. Each unit is individually assessed through teacher assessment and the final end of year level and report is based on all work complete. Main areas of assessment – Identification of a problem Design development Making Evaluating Subject knowledge and understanding
<u>Textiles Technology</u> The students will learn about natural and manmade fabrics, a range of machine skills and surface decorative skills. Students have the opportunity to be able to: • Recognise and understand the functions of a variety of fabrics • Recognise the correct equipment to use when working with textiles • Plan and carry out a broad range of manufacturing skills safely	

How can parents help at home?

Students will be given homework every week and must complete this work in their exercise books.
Encourage students to watch documentaries such as “In the Factory” and “War on Plastics”

Helpful further reading/discussion (including Reading and Vocabulary Lists)

Reading	Vocabulary Lists
www.technologystudent.com https://www.bbc.co.uk/bitesize	Synthetic fibres. Natural Fibres Regenerated fibres Block print Tie Die Sublimation print