Bishop Heber High School

Subject	Year	Term
Design and Technology	9	1

Topic

Designer Clocks

Content (Intent)

Prior Learning (Topic) Year 8 food Preparation and Nutrition

Year 9 Design and Technology is a continuation of the work undertaken in Year 8 building on and extending the subject knowledge to introduce a new set of skills that enable students to become further involved and excited by the subject. Students will follow an iterative design process to independently design and make a clock that meets the needs of a specific client.

Future Learning (Topic) Year 9 Food Preparation and Nutrition

What Knowledge and Skills will be taught (Implementation)	How will your understanding be assessed & recorded (Impact)
Students will complete a Design and Make activity. They will be given the context and brief, then study and use their knowledge of materials and manufacturing methods to produce a clock for a specific client. They will follow the design process to realise a prototype. During this term students will:- Investigate the problem, Design and develop ideas. Model ideas Complete their final design Evaluate their final product.	**Assessment** Several composite assessments will be used to move learning forward throughout the term. Students will be assessed on the Design and Technology, stands of assessment –Designing, Making and Evaluation. Using the Progress Sheets, students will self-assess their work and be given directed lesson time to improve their outcomes. The teacher will then mark the piece. These composite assessments, along with the summative assessment test, will contribute to the summative report that is reported to parents.

How can parents help at home?

Discuss the product with your child. You could also be your child's client. Students will be given a homework task once a week that they need to complete once a week. Please check through this.

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

Reading	Vocabulary Lists
www.technologystudent.com GCSE Pod Pintrest	Iterations Modelling Rendering Investigation Testing Specification