

### KS3 Curriculum INTENT

Our Design and Technology curriculum intent is for students to achieve a secure understanding of design/making and how this can affect people, society and the environment.

Teaching is planned to meet the employment needs of our local area, will close gaps in student knowledge and address misconceptions in students' understanding.

This will allow students to access the knowledge they missed during the Covid Pandemic.

Our students will develop an appreciation of design and will learn to use the tools, equipment and processes required to manufacture products of a high quality.

### KS3 Curriculum Information

#### In Year 7 students will be working on....

- Hanging basket bracket (Metals project)
- Coat hook (Timber project)
- Book mark (Textiles project)
- Blister pack (Paper, card / polymers process project)
- Food (Fruit salad, fruit muffins, cereal bars)
- Mini torch (Computer aided manufacturing)

#### In Year 8 student will be working on projects that cover missed skills

- Hanging Basket bracket extension (metals project)
- Catapult (Team work, Timber project)
- Phone cover (Textiles project)
- Card mechanism (Paper, card project)
- Food (Special dietary needs, flavoured bread, SDN pizza, improved pizza and scones)
- Desk Tidy (Computer aided manufacturing, polymer project)

#### In Year 9 student will be working on projects that cover missed skills and extend knowledge.

Students can opt for either Design & Technology and/or Food Technology

#### Design and Technology

6 mini projects that will extend student technological knowledge and practical skills

#### Food Technology

A range of Food / Health areas are studied that will extend student theory and practical skills