

CURRICULUM IMPACT STATEMENT: Design and Technology

Intent:

- **DT is integral to understanding the world around us, in many ways. The lifelong skills learned will help us make informed choices, of the products we buy and the houses we live in.**
- **KS3 will build students understanding of Health and Safety, testing and using materials, product analysis, design and making.**
- **KS4 options will allow students to develop a broad range of Design and Technology skills skills through the AQA 3d Design GCSE.**
- **All lessons will relate to possible careers, for example product design, carpentry, 3d design and mechanics for example.**
- **KS3 develops the basics in Workshop Health and safety and Machine training.**
- **KS4 option is the AQA 3d Design award. This will lead to a variety of Career options and develop lifelong skills.**
- **Design and Technology skills are transferable to various industries including business, finance, housing and fashion for example.**
- **Skills in the use of 2d/3d design software open up understanding of Graphics related Career options including Graphic Design and Architecture.**
- **Promote good qualities and behaviours with positive relationships and Teamworking.**

Implementation

- **Students will tick off the skills learned in each lesson on what's called an MMG and a Learning ladder.**
- **Each student will have learning ladders that will lead to meeting skill levels at each key stage.**
- **Literacy developed in every lesson. Students will develop their vocabulary with DT and general extended terminology.**
- **Work is project based and printed in student folders.**

Impact

- **Students develop essential skills including behaviour, safety and independence.**
- **Students will be better able to work across all subjects through skills learned through problem solving.**
- **Students develop understanding that will make better and more informed choices through looking at products.**

- **Students will understand the basics of joinery and structures.**
- **Students will have an improved knowledge of career options that relate to DT.**
- **Students will learn how DT can be useful in any career option.**