

# Course Title:

## Three- Dimensional design

Awarding Body: To Be Confirmed

Further information available from: Miss Jarvinen ([piarvinen@ramseyacademy.com](mailto:piarvinen@ramseyacademy.com))

### Why study Three-Dimensional Design?

Studying 3D Design will provide students with the opportunity to gain confidence, independence and problem solving skills. Students will be challenged to be creative and curious in creating solutions to problems and outcomes in response to a number of design briefs and themes. Whilst doing this, students will be able to consider sustainability, environmental and social issues that affect the development of solutions and outcomes. Students will be able to select and use materials and to develop a range of skills to realise their ideas. This course will equip students to engage in designing for life and make sound decisions about sustainability, aesthetics and function.

### Course Outline

#### **Over the two year course you will learn:**

- To become a critical and informed user of products.
- To develop innovative and creative ideas.
- To be inventive with materials and examine the relationship between form and function.
- About the design process from concept, analysis, research and experimentation to final outcome.
- About past and present designers, craftspeople, cultures and traditions.
- To safely explore a range of materials, processes and techniques in the workshop and design studio.
- To develop a detailed knowledge and understanding of the different areas of study such as: Architecture Design, Product Design/Construction, Sculpture, Interior Design, Jewellery, Ceramics.

**There are two components:** the Portfolio and the Externally Set Assignment

### Assessment Format

#### **Component 1: Portfolio**

This component is worth 60% of your GCSE. You will produce a portfolio of work and some final outcomes in response to a design brief or theme.

#### **Component 2: Externally Set Assignment (ESA)**

This component is worth 40% of your GCSE. You will produce preparatory studies and a personal outcome(s) completed in exam conditions based on a brief or theme set by the exam board.

Each component will be marked against 4 Assessment Criteria: Developing, Refining, Recording and Presenting.

Your teacher will mark your work and it will be moderated by the exam board.

**There is no written exam**

### What skills will I need to be successful in this subject?

To be successful in Three-Dimensional Design it is important to have some understanding of the design process (this was covered in Y7,8 and 9 Technology) An ability to analyse and evaluate designers work. Some aptitude and interest for drawing/ model making/ 3D work and or an interest in the Design and Construction industry. An understanding of the importance of some written work, homework and motivation to act on feedback.

### Possible Careers and Future Education

Careers in: Joinery/carpentry, engineering industry, construction industry, furniture manufacture, blacksmithing, architecture, product design, CAD/CAM/CNC, interior design...

Future education; A Levels in design, Apprenticeships, Vocational courses in any of the above.

More information is available from Miss Jarvinen / Mrs Gerrard