

# GCSE DESIGN & TECHNOLOGY

IN YEAR 10 & 11



“DESIGN IS SO SIMPLE.  
THAT’S WHY IT’S SO  
COMPLICATED”

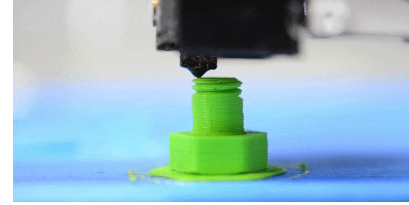
-PAUL RAND-

# What can you expect?

At KS3, students will have covered all areas of Design and Technology, including Product Design, Engineering and Graphics.



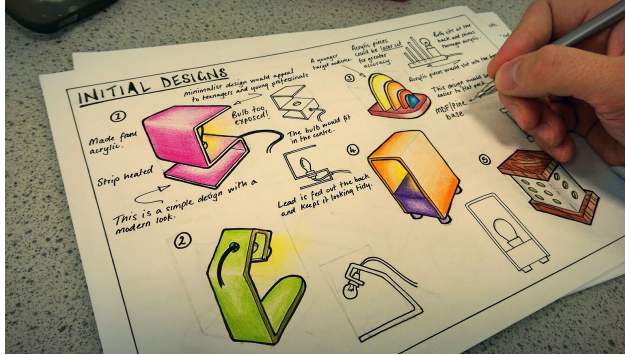
By the end of KS4, students will be equipped with the necessary skills to help prepare them for further study or training.



At KS4, students have the opportunity to put all skills together and apply them to real life design briefs, helping to prepare them for the future of technology.



# What are the exams/assessments like?



## THE DT GCSE IS IN TWO PARTS:

1. NON-EXAM ASSESSMENT (NEA)
2. END OF YEAR 11 EXAM

THE NEA CONSISTS OF A DESIGN AND MAKE PROJECT, ANSWERING TO A REAL LIFE BRIEF. PAST BRIEFS INCLUDE, DESIGNING FOR SOMEONE WITH A DISABILITY, DESIGNING FOR NATURE AND THE ENVIRONMENT AND DESIGNING A MULTIFUNCTIONAL PRODUCT.

**THE EXAM IS A 2 HOUR PAPER SAT AT THE END OF YEAR 11  
CONSISTING OF THEORY WORK COVERED FROM KS3 AND KS4.  
TOPICS INCLUDE NEW AND EMERGING TECHNOLOGIES, ENERGY  
GENERATION AND STORAGE, SYSTEMS AND MECHANICS, AS  
WELL AS MATERIALS AND THEIR WORKING PROPERTIES.**



# Where will it take you?

## COLLEGE

WE HAVE MANY EX-ROKEBY STUDENTS NOW STUDYING DESIGN AND/OR ENGINEERING, AFTER HAVING STUDIED DESIGN AND TECHNOLOGY AT GCSE.

STUDENTS FURTHER DEVELOP THEIR SKILLS WHETHER CHOOSING TO GO DOWN THE A-LEVEL OR BTEC ROUTE.

SOME STUDENTS WILL ALSO HAVE ACCESS TO APPRENTICESHIP AND TRAINEE PROGRAMMES WITH A DESIGN ELEMENT.

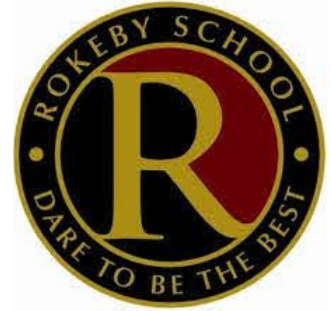
## CAREERS

THERE ARE A VAST NUMBER OF CAREERS STUDENTS COULD ENTER HAVING STUDIED DESIGN AND TECHNOLOGY. THESE INCLUDE:

- AUTOMOTIVE DESIGN
- MECHANICAL ENGINEERING
- INDUSTRIAL DESIGN
- COMPUTER-AIDED DESIGN
- FURNITURE DESIGN
- ARCHITECTURE
- ETC



# Questions?



If you have any questions, please see Head of Design and Technology, **Ms Price** in room **G19** or any other DT teacher.

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Respect

Success

Passion for learning

Personal Challenge

Harmony