



Year 7 - KS3

IB MYP DESIGN - TECHNOLOGY

Aims

At Wilmington Academy all students in Year 7 and 8 follow the MYP Curriculum for Design. This curriculum has a large focus on connecting the theoretical knowledge that forms the basis of design with the practical applications and activities that develop creativity and technical skill. The programme of study aims to develop students as independent learners who are able to solve problems using their skills in Design and to prepare them for both GCSE and KS4 curricula and the IBCP programme studied at Post 16.

MYP Design Learners:

- **apply** practical and creative thinking skills to solve design problems
- **explore** the role of design in both historical and contemporary contexts
- are **aware** of their responsibilities when making design decisions and taking actions
- are **actively involved in and focused** on the whole design process rather than the end product / solution.

Year 7 and 8 students are assessed at the end of each Criterion throughout each project, which are as follows: Criterion A: Analysing and Inquiring, Criterion B: Designing Ideas, Criterion C: Creating the Solution, Criterion D: Evaluating. This is assessed through the project work they complete in lesson time and the independent learning tasks they carry out. A grade between 1 - 8 is assigned to represent the level of understanding a student has achieved in the topics they have covered. They will also receive four formal assessments for each Criterion, over the course of the year.

What does this course involve at Key Stage 3?

Design and Technology at Key Stage 3 involves completing projects in four disciplines across the Design subject. The four disciplines are Product Design, Engineering, Graphics and Catering.

Year 7

The theme that all disciplines follow in Year 7 is based on sushi:

- Catering: Designing, developing and experimenting to design sushi rolls
- Product Design: Designing, developing and making a wooden sushi serving board
- Engineering: Designing and forming aluminium Japanese-style chopsticks
- Graphics: Designing a sushi menu and packaging for sushi serving board and marketing of board/chopsticks