

Year 8 – Product Design

What will be studied?

Topic(s)

Product Design

- Health and Safety in the workshop
- Polymers and their properties.
- Power Tools and Equipment
- Systems approach to designing and basics of electronics
- Computer Aided Designing
- Making a night light as a final outcome (product).

How do you assess the learning?

During the directed practical tasks, students are assessed on their skills and completion of the core tasks. In addition to these Self and Peer assessments, verbal feedback from the teacher and regular home learning tasks are planned throughout the unit.

End of Year Examination

How will I be assessed at the end of the year?

Students are assessed based on their final outcome product: a night light. Additionally Students will be assessed on their attitude to learning using the practical subject ACS level descriptors ASSURED, SECURE, DEVELOPING and EMERGING. Student booklet will be assessed and internally moderated within the Design Technology department.

How can I help my child?

Guidance and advice

Product Design:

- Encourage visits to Design Museums as this can inspire your child creatively.
The Design museum Kensington
<https://designmuseum.org/>
V&A Design Museum
<https://www.vam.ac.uk/>
Exhibitions e.g. NEC Birmingham/ Olympia & Earls Court London.
- Encourage your child to try assembling any DIY furniture.
- Encourage your child to practice sketching

https://www.youtube.com/watch?v=c_NRuzPs9R8

<https://www.youtube.com/watch?v=IaPwhWBj77o>

<https://www.youtube.com/watch?v=bjEw-mulcjA>
