







During this topic you will develop and demonstrate the following PLTS:

Creative thinker ✓		Team player ✓	
Reflective learner ✓		Effective participator	
Independent enquirer ✓		Self-manager ✓	

Subject: Design Technology

Year: 7 Teaching block: 1

Topic: Plastics in Every Day Life

Assessment week: 3rd Dec

What I will learn?

How to use abstracting to create design ideas
How to sketch in isometric
How to render effectively
How to use 'crating' effectively
The health and safety rules within the technology workshop
About plastic types, stock forms and injection moulding
How to use the strip heater
How to make a successful cardboard package (net)

Key Vocabulary for this topic

isometric	thermosetting plastics
rendering	nets
abstracting	pillar drill
crating	strip heater
thermoplastics	tensol cement
acrylic	

What the best students will be able to do at the end of this topic:

The best students will be confident in their knowledge of:

How to use abstracting to create design ideas, How to sketch in isometric effectively. They will know how to effectively render and will be able to use 'crafting' effectively. Students will be able to explain health and safety rules within the technology workshop; using the correct terminology. They will understand plastic types, stock forms and injection moulding and they will be able to use the strip heater.

Students will be able to manufacture a successful cardboard package (net) using their new skills.



Independent Study

What?	When?
Use website to learn about isometric drawing – you will use this skill in the next lesson	w/c 10 th Sep
Update knowledge organiser and complete key word definitions	w/c 15 th Oct
Create your own revision material on all of the topics covered in this teaching block	w/c 12 th Nov
Revision for assessment	w/c 26 th Nov

