

Term	Theme	What students will learn	Key assessment	How you can support your child
1	Core - Sketch Project	2D crating, thick and thin lines, 3D isometric & annotation with ACCESSFM	30 minute ACCESSFM assessment & Keywords and their meanings	Ask them to teach you how to draw using crating skills, isometric grid paper or thick and thin lines. Help them evaluate everyday products using ACCESSFM
2	Core - Signs Project	Typography, 2D design CAD program, CAM laser cutter, Designing without fixations, specification writing, evaluation & review	End results of acrylic design - complexity and time management. & 10 words and their meanings	Encourage them to build on their designing skills on a computer - google sketchup would be an excellent skill to develop at home.
3	Wood - Clock Project	Workshop safety, machines, accuracy and marking out, wood theory (tools/categories), Memphis design movement, technical drawings & practical skills	Wood theory - kahoot results	Where possible encourage students to build on practical making and problem solving skills.
4	Wood - Clock Project		Design movement postcard End result in making, does it meet the specification?	Youtube channels on modelling skills. Encourage effort and pride on their Design Movement homework.
5	USB Elephant	Fossil Fuels & global warming, energy generation - coal , renewable energy - wind/solar, electrical storage. Systems approach to designing & the line bender	Short assessment on theory content - in line with the new GCSE Specification AQA (multiple choice section A). Final outcome of soldering and decoration 10 Words and their meanings	Encourage students to watch documentaries relevant to global warming. For example 'drowning in plastics' BBC iPlayer.
6	Core - Eco Project → extension project.	6 R's of sustainability , using newspaper to create a product.	Eco design worksheet 10 Words and their meanings	Collect newspapers for them to back their newspaper bowl. Encourage them to take charge of recycling at your home.