

Year 7 Design & Technology Curriculum Map

Term	Project	Focus Areas	Key Skills	Assessment
Autumn Term	Pencil Box	<ul style="list-style-type: none"> - Design brief & specification - Research timbers & joints - Develop 3D drawings (isometric & oblique) - Finalize design 	<ul style="list-style-type: none"> - Safe use of hand tools & machinery - Marking out & tolerances - Cutting, sanding, assembly using butt joints - Finishing techniques 	<ul style="list-style-type: none"> - Quality & accuracy of finished product - Design work - Evaluation using ACCESS-FM
Spring/Summer Term	Feature Creature	<ul style="list-style-type: none"> - Design brief & collaboration - Mind mapping & mood boards - Research timbers - Develop initial ideas & 3D drawings - Finalize design 	<ul style="list-style-type: none"> - Safe use of coping saw, files, sanding - Template making - Assembly using pegs & glue - Decorative finishing 	<ul style="list-style-type: none"> - Quality & accuracy of finished product - Design work - Evaluation using ACCESS-FM

Common Threads Across Both Projects

- **Technical Knowledge:** Properties of hardwood, softwood, and manufactured boards; joints and fixings; health & safety.
- **Vocabulary:** Design brief, aesthetics, tolerance, rendering, annotation, evaluation.
- **End-of-Unit Test:** Covers technical knowledge and design principles.