

OBHS Core Questions:

Subject: Design & Technology

Year and Term: Year 8 Autumn term

Topic: Money Box



Learn these questions to build a strong foundation of knowledge for this half-term. Ask family or friends to test you regularly, or practise on your own using the 'Look, Say, Cover, Write' method.

	Question	Answer
1.	What are the 2 ways we can join timber?	Temporary and permanent
2.	What are the 3 holes needed to attach a screw correctly?	Pilot, clearance, countersink
3.	What are the 3 main types of screw heads?	Slot, Phillips, Pozidriv
4.	Name 3 corner joints for timber carcasses/ boxes?	Finger, dovetail, Lap
5.	Which joint is used to create a shelf?	Housing
6.	Which timber joint is sanded to a 45-degree angle?	Mitre
7.	Which saw cuts a straight line in timber by hand?	Tenon
8.	Which saw cuts a curve in timber by hand?	Coping
9.	Which machine can be used to create round holes in timber? (Not cordless)	Pillar drill
10.	Which machine can be used to create square holes in timber?	Mortise machine
11.	Which 2 tools/ equipment do we need alongside a tenon saw to help saw half lap joints?	Bench hook, clamp
12.	Name one advantage of using CAD software for designing an idea?	Mistakes can be corrected easily, quicker
13.	Name one disadvantage of using CAD software for designing an idea?	Expensive to buy the program and you need to be trained.
14.	Name a non-paint type of finish that can be used on timber?	Varnish, wax, wood stain
15.	Name a clear plastic that we use in school	Acrylic, HIPS