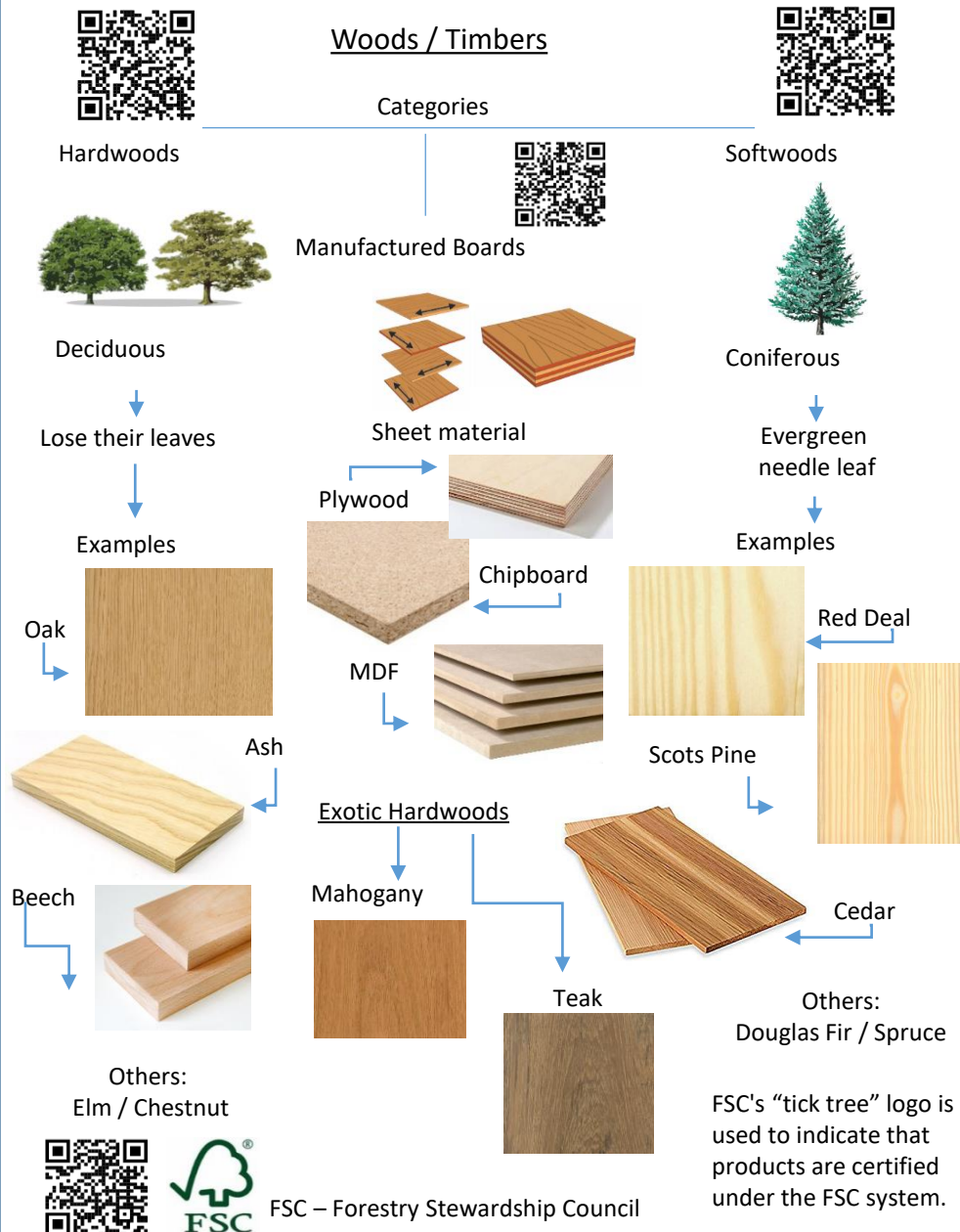


KS3 Product Design

Woods / Timbers

Categories



FSC's "tick tree" logo is used to indicate that products are certified under the FSC system.



FSC – Forestry Stewardship Council

Tools / Machinery and Equipment

Marking Out:

- Marking Knife
- Marking Gauge
- Pair of Compasses
- Steel rule
- Tri Square

Cutting:

- Coping Saw
- Hegner Saw
- Tenon Saw

Shaping and Wasting:

- Bandfacer / Linisher (sanding)
- Bobbin Sander
- Sanding Board



Tools and Equipment link
Technology Student

Key Skills:

- Accuracy
- Cutting
- Drilling
- Measuring
- Shaping
- Wasting

Drilling:

- Cordless / Battery powered drill
- Pillar Drilling machine
- Twist Drill bits
- Wheel Hand Drill

LINKS – Science:

- Ecology
- Environmental
- Erosion
- Renewable
- Sustainable

Work Holding:

- Bench Hook
- Carpenters vice
- G Cramp
- Machine Vice
- Speed clamp
- Spring Hand clamp



LINKS – History:

- Designers
- Design movements
- Design Styles
- Materials



LINKS - Mathematics:

- Addition
- Converting measurements – cm to mm
- Division
- Multiplication
- Subtraction
- Arc
- Circumference
- Diameter
- Radius
- Symmetry / Symmetrical



Health & Safety:

Eye Protection – safety goggles / safety spectacles EN166

Use all guards on machinery

Apron MUST be worn

Long hair tied back

Only ONE person at a machine at any one time

