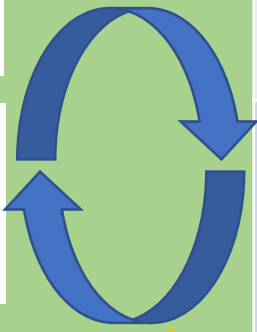
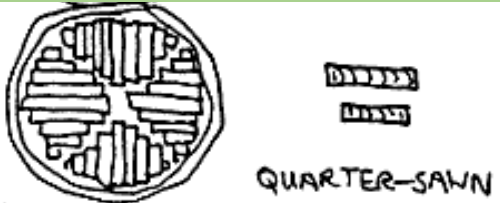


Knowledge you will gain

Contextual Challenge

User-centred Design

The Work of Others and why this knowledge important to our own designing.



Year 9 Pull along Toy Knowledge Organiser

- KS3



Previous Knowledge:

- Working to a Brief
- Timber theory

Vocabulary

User centred design	User centred design is based around understanding and fulfilling the wants, needs and limitations of the clients or users of products. The client or User group are the main focus throughout the whole design process.
Hardwood	Hardwoods come from deciduous trees, which have large flat leaves that fall in the autumn. Hardwoods take longer to grow, are not easily sourced and are expensive to buy. They produce their seeds in fruit or nuts
Softwood	Softwoods come from coniferous trees. These often have pines or needles, and they stay evergreen all year round - they do not lose leaves in the autumn. They are faster growing than hardwoods, making them cheaper to buy, and are considered a sustainable material.
Manufactured boards	Man made material
Forms of motion	Linear, rotary, reciprocating and Oscillating

Cams can turn one form of motion into another, i.e. rotary to linear.

