



LKS2 DT Knowledge and Skills Organiser

Caveman to Iron Warrior

Key Knowledge and Skills

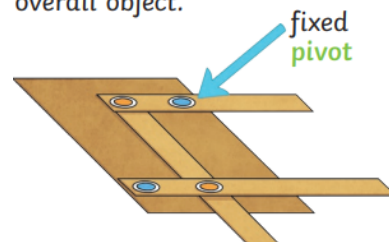
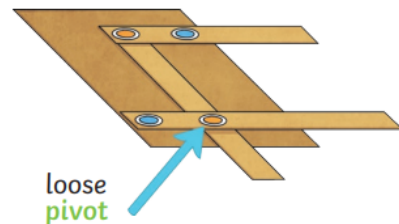
What is a linkage?



Levers can be joined together to create linkages. A linkage can be used to create a change in the direction, the type and the amount of movement.

Joins the levers together.

Joins the levers to the overall object.



Skills:

- Investigate a range of existing products.
- Use a range of tools and equipment safely, appropriately and accurately.
- Develop and follow simple design criteria.
- Design innovative, functional and appealing products that are fit for purpose and aimed at a target market.
- Assemble, join and combine material and components with some degree of accuracy.
- Identify the strengths and areas for development in their products.

Key Vocabulary

Word	Definition
User	Someone who uses a particular thing.
Purpose	The reason for which something is done or created.
Design	A plan or drawing produced to show the look.
Functional	To have a special purpose,
Aesthetics	An appreciation of beauty or nice to look at.
Mechanism	A device used to create movement.
Lever	A rigid bar that moves around a pivot.
Linkage	
Loose Pivot	A paper fastener that joins two strips of card together.
Fixed Pivot	A paper fastener that joins system.
Joins System	a set of related parts used to create an outcome
Evaluate	To form an idea about something you have done or check how well it has worked.

