DESIGN AND TECHNOLGY KNOWLEDGE MAP

MECHANISMS - LEVERS

CAN YOU INVESTIGATE DIFFERENT TYPES OF LEVERS AND HOW THEY WORK?







SKILLS I NEED:

- IDENTIFY LEVER MECHANISMS AND DESCRIBE THEIR MOVEMENTS AND UNDERSTAND HOW LEVERS CAN HELP MAKE TASKS EASIER.
- FIND PIVOTS AND LEVERS ON VARIOUS MECHANISMS.
- JOIN MATERIALS TOGETHER TO MAKE LEVERS.
- INVESTIGATE WHAT HAPPENS WHEN THE PIVOT CHANGES PLACE.
- TEST THE EFFECTIVENESS OF THEIR OWN LEVERS AND EVALUATE THEIR AND OTHERS' DESIGNS AND GIVE FEEDBACK.





curved	Something having the form of a curve or is bent
direction	A course along which someone or something moves
evaluate	form an idea of the value of something
label	A name applied to a thing
material	the matter from which a thing is or can be made
mechanism	A system of parts working together in a machine
pivot	The central point, pin, or shaft on which a mechanism turns
purpose	The reason for which something is done or created
rotate	Move or cause to move in a circle round an axis or centre
select	Carefully choose something as being the best or most suitable