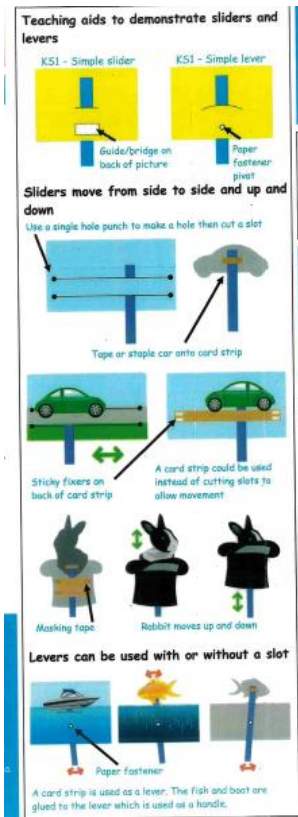


Mechanisms

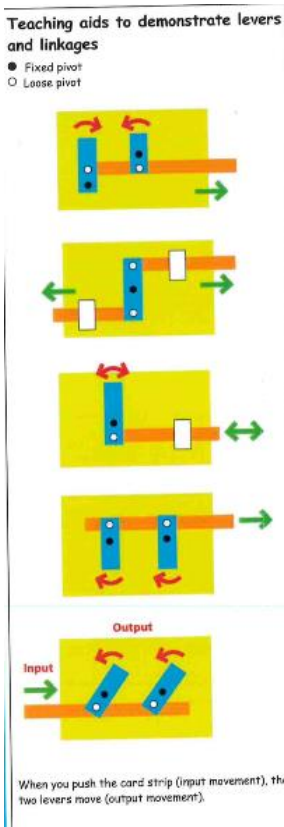
KS1 (Year 1/2) Sliders and Levers



- 1 slider/lever.
- and/or
- 1 pivot.
- Movement of slider/lever has same movement outcome.

Mechanical Systems

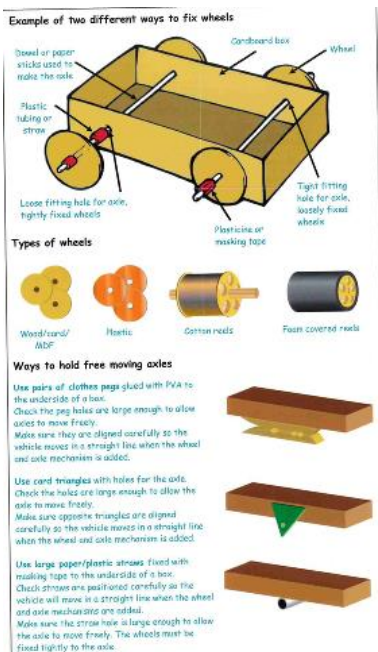
KS2 (Year 3/4) Levers and Linkages



- More than 1 slider/lever.
- More than 1 pivot- fixed pivot and a moving pivot.
- Impact of fixed pivot on moving pivot and slider/lever.
- Slider/lever movement can result in a different movement output.

Mechanisms

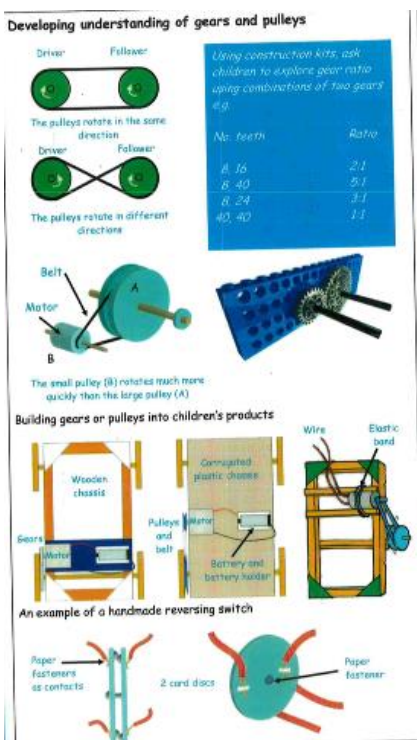
KS1 (Year 1/2) Wheels and Axles



- Rotation of wheels by pushing.
- Different ways of holding wheels and axles in place.
- Fixed axles moving wheels.
- and/or
- Moving axles fixed wheels
- Simple construction.

Mechanical systems

KS2 (Year 5/6) Pulleys or Gears



- Moving parts due to pulley or gears.
- More complex construction- one part impacts directly on another part.
- If one part doesn't work the rest will not work.