|  |
| --- |
| **Year 3 Spring 1 Design and Technology – Mechanisms Mechanical Posters** |
| Key facts* A mechanism is when two or more components act together to make an action take place
* A lever is a bar that moves at a point
* A pivot moves around in a circle, staying in one position.
* Linkage are composed of links and lower pairs
* The simplest closed-loop linkage is the four-bar linkage, which has three moving links, one fixed link and four pin joints.
* A linkage with one link fixed is a mechanism
* Making pictures and posters with moving parts makes them more interesting and appealing to look at
 | pivot leverlinkage |
| Vocabulary* recycle
* mechanism
* mechanical system
* lever
* linkage
* pivot
* input
* output
* prototype
 | What you need to make a…Pivot * hole punch
* split pin
* card

Lever* hole punch
* split pin
* card
* glue
 |