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| **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    lever    linkage | |
| 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 |