

## BUILDING AN ICOSAHEDRON

*requirements: ruler, scissors, gluestick*

You have learned about **nets**, which is what you get when you flatten out three-dimensional shapes.

An **icosahedron** is a solid object with **20 faces**, each one an **equilateral triangle**.

**Action** - it should be easy to see what your task is.

- Print out a copy of the diagram shown below, which shows the **net** of an **icosahedron**
- **Slowly, carefully** and **safely**, cut out the shape, making sure you don't chop off the **tabs**.
- Using the edge of a ruler, fold the net along **all** the straight lines, which will be the edges of the icosahedron
- See if you can arrange the thing into an icosahedron, glueing the tabs to the **outside** of the object. When it's finished t will look a little bit like a ball.

Icosahedron

