

## 3D Tessellations (Polyhedra)



Polyhedra are examples of 3D tessellations.

There are only 5 regular polyhedra.

What is special about a regular polyhedra?

Can you work out what the five regular polyhedra are?

Use the Mathematical Activity Tiles or Clixi to investigate.

(The MATs can be joined together with small pieces of blue tack if needed)

What are the names of the regular polyhedra?

How many faces do they have?

How many vertices do they have?

How many edges do they have?

Make a poster to show your findings - you can use the i-pads to take and print photos of any Polyhedra you produce.

There are lots of irregular polyhedra. Which ones can you make?

What shapes are needed to make them?