3D Shapes

You should be familiar with the following 3D shapes from previous class work…cube/cylinder/sphere/cone.

*Remember edges refer to sides and vertices refer to the corners.*

* **Prism is a 3-dimensional shape with 2 identical shapes facing each other.** Here are names of various prisms…triangular prism/square based prism/pentagonal prism/octagonal prism.
* **Pyramid is a polyhedron (3-dimensional solid shape) that has a base and its faces (which are triangular) meet at a point called the apex.** You can have pentagonal pyramids and/or hexagonal pyramids.
* **Tetrahedron** *(pictured on page 151 q1A of your book)* **is a triangular-based pyramid. Tetra is the Greek for 4 so it has 4 triangular faces, 6 straight edges and 4 vertices.)**

**Now for a new shape!**

**Octahedron** *(pictured on page 151 of your book at end of q5)*

**is a polyhedron (3-dimensional solid shape) with 8 triangular faces.**

This week we are also asked to look at the **Net** of shapes.

**The Net of a shape is a pattern that you cut/fold to make a model of a solid shape.**

It might be a good idea to print this page or write it out and keep it safely so you can refer back to when these shapes come up again. Also you could sketch out a picture of the shape to remind you!