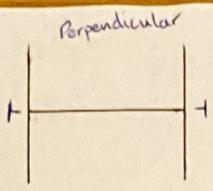


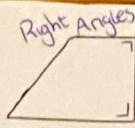
**Right angles**



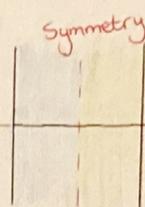
**Perpendicular**



**Right Angles**

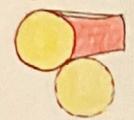


**Symmetry**

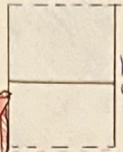


**Geo metry**  
Earth measure  
geometry - the maths of things  
2D - is flat  
3D - is not flat  
Lines, angles, shapes, relationship.

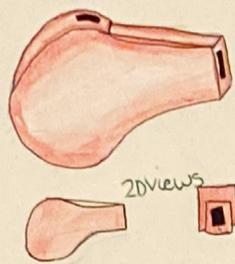
**Tangent circles**



**Hidden Shapes**



**2D Views**



**GEOMETRY**

**SPORTS EQUIPMENT**

**Research Sources**

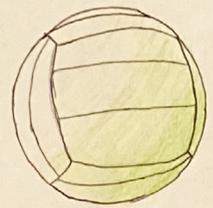
Source	Factor of Difficulty
1. Internet	2/5
2. Photos	2/5
3. Magazine / newspaper	3/5
4. Going to local GAA pitch	3/5
5. Going to school gym.	2/5
6. Finding things at home.	4/5

**2D Revolve**

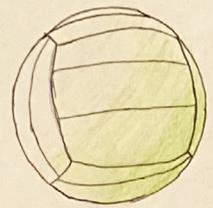


A sphere is made by a semi-circle revolved 360°.

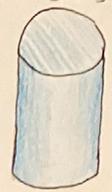
**Symmetry**



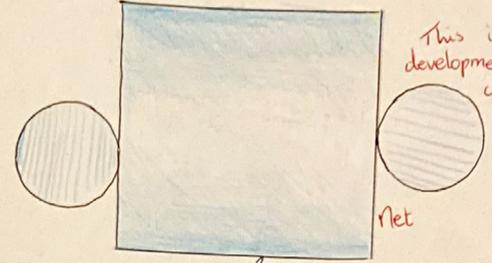
**3D shape**



**3D shape**



**Net**



This is the development of a cylinder

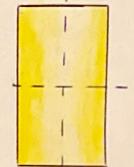
**Segment**



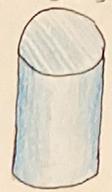
**Revolve**



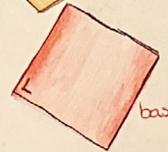
**Symmetry**



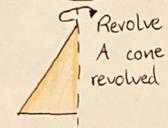
**3D shape**



**base**

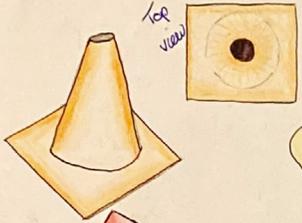


**Revolve**

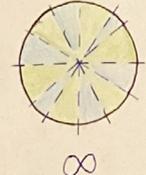


A cone is half a triangle revolved around an axis.

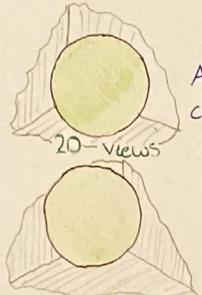
**for view**



**Symmetry**



**2D-views**



**BLITZ**



## Teacher Annotations

There was a good variety of stimulus used for research. The work demonstrated an in-depth understanding of the topic chosen.

There was a very good understanding of geometric concepts demonstrated across a range of sports.

Very good use of 2D and 3D sketches with their conceptual relationship highlighted.

The work was presented to a very high standard using a variety of media and presentation techniques.

## Overall Judgement

Above expectations

