



Year 7 : Support Scheme of Work for pupils working at Levels 2 and 3  
 Shape, space and measures 3 (3 hours)

Lesson	Learning Objective	Learning Outcomes			Lesson strategies, activities and ideas	Resources
		Must	Should	Could		
1	Visualise and describe 2D shapes	Sort shapes and describe some of their features e.g. number of sides, corners. Use vocabulary such as 'parallel', 'right angle' etc. Know the names of circle, triangle, rectangle, square, pentagon, hexagon octagon	Use vocabulary such as 'parallel', 'right angle' etc. Know the names: quadrilateral, semi-circle	Recognise equilateral and isosceles triangles. Know the name: heptagon		PFWK y123 p80-83 PFWK y456 p. 102 Primary Strategy Unit Plans : year 4 , Unit 4 , Resource sheet OHT s 4.1 & 4.2
2	Visualise and describe 3D shapes	Sort shapes and describe some of their features e.g. number of faces, edges and corners. Know the names of : cube, cuboid, sphere, cone, cylinder and pyramid. Relate solid shapes to pictures of them.	Classify and describe 3D shapes by reference to whether edges are the same length, whether or not angles are right-angles. Know the names : prism and hemisphere.	Visualise 3D shapes from 2D drawings. Know that each face of polyhedron each face is a flat surface and is a polygon; an edge is a straight line where two faces meet; and a vertex is a point where three or more edges meet.	Starter : TL4 Y7 - Lesson S3.3 starter  Ideas : Find all the different shapes that can be made by fitting 4 cubes together face to face. (PFWK y123 p83 for answers!)	PFWK y123 p83 PFWK y456 p. 102  TL4 Y7 - Lesson S3.3



Year 7 : Support Scheme of Work for pupils working at Levels 2 and 3  
Shape, space and measures 3 (3 hours)

Lesson	Learning Objective	Learning Outcomes			Lesson strategies, activities and ideas	Resources
		Must	Should	Could		
3	Use standard units of mass.	Know the units of mass : kg and g Know 1kg = 1000g Weigh objects on scales and read the display to a labelled division.	Know that $\frac{1}{2}$ kg = 500g and $\frac{1}{4}$ kg = 250g.	Order a set of weights given in kg and/or kg and g (up to 9 kg)	I TP : measuring scales  I dea : practical activity using scales. Pupils estimate weight of an object in kg or grams and then weigh the object on scales, including bathroom scales.	PFWK y123 p. 75, 77 PFWK y456 p. 92, 94 S/board p. 368 – change most units into grams first before giving to pupils.