

Prep			Year 1				Year 2				Year 3			
<p>Units Of Measurement</p> <ul style="list-style-type: none"> I can say the days of the week and order them. I can connect days of the week to events and use words like yesterday, today and tomorrow. I can compare and order the duration of events in hours / minutes / seconds. And tell the time to 1 hour. I can compare the length of familiar objects using words such as longer, taller, shorter. I can compare area of familiar objects using words such as: larger and smaller I can compare capacity of familiar objects using words such as: holds more, full and empty. I can compare mass of familiar objects using words such as: heavier and lighter. <p>Shape</p> <ul style="list-style-type: none"> I can sort, describe and name 2D shapes and 3D shapes in the environment. <p>Location & Transformation</p> <ul style="list-style-type: none"> I can describe where something is and how it moves, for example: under, in front, beside, inside and outside. 			<p>Units Of Measurement</p> <ul style="list-style-type: none"> I can identify all hours on the analogue and digital clock. I can distinguish between the hour hand and the minute hand. I can understand the difference between am and pm. I can tell time to the $\frac{1}{2}$ hour. I can describe duration using months, weeks, days and years. I can use comparative language in relation to length such as: longer, shorter, same as, taller, shorter, equal length, smaller, bigger etc. I can use informal units to measure length and capacity. <p>Shape</p> <ul style="list-style-type: none"> I can recognise and classify 2D shapes. I can recognise and classify 3D shapes <p>Location & transformation</p> <ul style="list-style-type: none"> I can give and follow directions to familiar locations 				<p>Units Of Measurement</p> <ul style="list-style-type: none"> I can tell the time using $\frac{1}{4}$ to and $\frac{1}{4}$ past. I can compare and order shapes based on length, area, volume and capacity using informal units e.g. icy pole sticks I can use balance scales to compare masses. I can recognise the key elements of the calendar I can place in sequence days, weeks and months and seasons. <p>Shape</p> <ul style="list-style-type: none"> I can describe and draw 2D shapes I can describe features of 3D shapes. <p>Location & Transformation</p> <ul style="list-style-type: none"> I can read simple maps and key features I can investigate one step slides and flips I can find and describe half and quarter turns. 				<p>Units Of Measurement</p> <ul style="list-style-type: none"> I can read an analogue clock to the minute. I can transfer time from digital to analogue and vice versa I can use familiar formal units of measurement; for example, metres, centimetres, grams, kg and litres and hours, minutes and seconds for time. I can choose the appropriate unit of measurement depending on what I am measuring <p>Shape</p> <ul style="list-style-type: none"> I can make models of 3D objects and describe their features. <p>Location & Transformation</p> <ul style="list-style-type: none"> I can create and read simple grid maps and show where things are located and how to get there. I can identify symmetry in the environment. <p>Geometric Reasoning</p> <ul style="list-style-type: none"> I can identify angles I can compare angles in everyday situations I can describe angles as acute, obtuse and right. 			
0	0.5	F	0.5	F	F.5	1.0	F.5	1	1.5	2	1.5	2	2.5	3
0-4	5-7	8-10	0-2	3-4	5-7	8-10	0-2	3-4	5-7	8-10	0-2	3-4	5-7	8-10

Year 4				Year 5				Year 6				Year 7			
<p>Using Units of Measurement</p> <ul style="list-style-type: none"> I can estimate and measure length, area, volume, capacity, mass and time using scaled instruments. I can read an analogue clock to the minute. I can use am / pm solve time problems. I can compare metric units of area and volume. <p>Shape</p> <ul style="list-style-type: none"> I can compare the areas of regular and irregular shapes I can compare and describe 2D shapes that result from combining and splitting common shapes <p>Location & Transformation</p> <ul style="list-style-type: none"> I can use simple scales, legends and directions to read basic maps I can create symmetrical patterns, pictures and shapes <p>Geometric Reasoning</p> <ul style="list-style-type: none"> I can compare angles and classify = > < to a right angle. I can describe angles as acute, obtuse and right. 				<p>Using Units of Measurement</p> <ul style="list-style-type: none"> I can calculate the perimeter and area of rectangles and 2D shapes. I can calculate volume, capacity and mass of 3D shapes. I can choose appropriate units of measurement for length, area, volume, capacity and mass. I can compare 12 / 24 hr. time and convert between them. <p>Shape</p> <ul style="list-style-type: none"> I can connect 3D shapes with their nets and 2D representations <p>Location & Transformation</p> <ul style="list-style-type: none"> I can use a grid reference to describe locations. I can describe routes and landmarks using directional language. I can describe translations, reflections and rotations of 2D shapes and identify line and rotational symmetries. I can enlarge a familiar 2D shapes and compare to the original. <p>Geometric Reasoning</p> <ul style="list-style-type: none"> I can identify, estimate and measure angles in degrees using a protractor. 				<p>Using Units of Measurement</p> <ul style="list-style-type: none"> I can measure using decimals I can convert between common metric units of length, capacity and mass. I can connect units of measurement for volume and capacity I can interpret and use timetables <p>Shape</p> <ul style="list-style-type: none"> I can construct simple prisms and pyramids <p>Location & Transformation</p> <ul style="list-style-type: none"> I can investigate and combine translations, reflection and rotations. I can recognise the Cartesian co ordinate system using 4 quadrants. <p>Geometric Reasoning</p> <ul style="list-style-type: none"> I can identify, estimate and measure and draw angles in degrees (including reflex). I can investigate angles on a straight line, angles at a point and vertically opposite angles. I can use digital technologies to investigate geometric reasoning, location, transformation and shape 				<p>Using Units of Measurement</p> <ul style="list-style-type: none"> I can establish formulas for areas, triangles and parallelograms and use in problem solving. I can calculate of the total surface area of prisms, including cylinders by considering their nets. <p>Shape</p> <ul style="list-style-type: none"> I can draw different views of prisms and solids <p>Location & Transformation</p> <ul style="list-style-type: none"> I can describe rotations in an axis of multiples of 90 degrees on the Cartesian plane I can identify line and rotational symmetries. <p>Geometric reasoning</p> <ul style="list-style-type: none"> I can identify different angles when two parallel lines are crossed I can classify triangles according to their side and angle properties. I can describe quadrilaterals I can demonstrate that the angle sum of a triangle is 180 degrees I can find the angle sum of a quadrilateral 			
2.5	3	3.5	4	3.5	4	4.5	5	4.5	5	5.5	6	5.5	6	6.5	7
0-2	3-4	5-7	8-10	0-2	3-4	5-7	8-10	0-2	3-4	5-7	8-10	0-2	3-4	5-7	8-10