

Year 6 Autumn 2: Week 4 Maths Planning

Date	Learning Objective	Starter Activity	Main Teaching	Plenary Activity
23.11.20	Use positions on the full coordinate grid (all four quadrants)	Feed Billy Bug in all four quadrants: <a href="https://www.primarygames.co.uk/pg2/bug2/bug2.html">https://www.primarygames.co.uk/pg2/bug2/bug2.html</a>	write the coordinates for each of the points at the following site: <a href="http://www.activemaths.co.uk/whiteboard/2shape/coords4.html">http://www.activemaths.co.uk/whiteboard/2shape/coords4.html</a>  Open up the 'Battleships' template. Look at the two grids and explain the rules of the game to the children (these are on the template but will require clarification) Finally, demonstrate drawing the ships on the grids.  In pairs, the children should play a game of Battleships. The winner is the player who sinks all 7 of their opponent's ships	Solve the questions on the Missing Coordinates PowerPoint.  These questions always appear in test papers so spend time discussing them.
24.11.20	Draw and label rectangles (including squares), parallelograms and rhombuses specified by coordinates in the four quadrants, predicting missing coordinates using the properties of shapes (+)	Complete the quiz at the following site: <a href="https://app.discoveryeducation.co.uk/learn/player/72d1e39b-3567-464b-b0df-1721370ff0d6">https://app.discoveryeducation.co.uk/learn/player/72d1e39b-3567-464b-b0df-1721370ff0d6</a>	Open up the following site: <a href="http://www.activemaths.co.uk/whiteboard/2shape/coord_sq4.html">http://www.activemaths.co.uk/whiteboard/2shape/coord_sq4.html</a>  Start with the grid and labels on show but remove these as the children realise they don't need them. Then complete a sheet from the pack.	Play a game of Coordinates Bingo! This can be found in the PowerPoint folder
25.11.20	Draw and translate simple shapes on the coordinate plane, and reflect them in the axes	Watch the video at the following site: <a href="http://www.bbc.co.uk/bitesize/ks2/maths/shape_space/symmetry/play/">http://www.bbc.co.uk/bitesize/ks2/maths/shape_space/symmetry/play/</a> HA: Complete the symmetry challenges underneath the film.	Show the following song: <a href="https://app.discoveryeducation.co.uk/learn/videos/ffb40ced-b469-41a3-ae7f-7c2def226fa6/">https://app.discoveryeducation.co.uk/learn/videos/ffb40ced-b469-41a3-ae7f-7c2def226fa6/</a>	Ask the children to show their answers to the following quiz. <a href="https://app.discoveryeducation.co.uk/learn/player/c59eda76-2c81-4b13-9a89-7503148347c8">https://app.discoveryeducation.co.uk/learn/player/c59eda76-2c81-4b13-9a89-7503148347c8</a>

		<p>LA: Complete the symmetry sort at the following site:</p> <p><a href="http://www.topmarks.co.uk/symmetry/symmetry-sorting">http://www.topmarks.co.uk/symmetry/symmetry-sorting</a></p> <p><a href="#">complete the one you feel most comfortable with.</a></p>	<p>Work through slides 1-3 which will touch on translating a shape.</p> <p><a href="http://app.mymaths.co.uk/1744-resource/translating-and-reflecting">http://app.mymaths.co.uk/1744-resource/translating-and-reflecting</a></p> <p>Slide 4 outlines the 2 ways in which you can work out how far a shape has been translated.</p>	
26.11.20	<p><i>These days are Victorian Days in school! The focus would have been on arithmetic so spend this time focussing on improving your knowledge of multiplication and division facts, using TT Rockstars and MyMaths!</i></p>			
27.11.20	<p><i>These days are Victorian Days in school! The focus would have been on arithmetic so spend this time focussing on improving your knowledge of multiplication and division facts, using TT Rockstars and MyMaths!</i></p>			