

Mathematics: 2nd year of cycle Summer 2

Class	Topic	Main Learning Outcomes	General work activities
Foundation	The Magic School Bus	<p>Begin to use vocabulary relating to size and shape in play. Sort and match toy vehicles according to a criteria. Talk about what they are making when using constructions kits. Use speech or symbols to name regular shapes in pictures or in the classroom. Recognise & copy simple patterns.</p>	<p>Begin to locate familiar equipment. Develop simple IT skills. Rote counting & number songs. To respond to “more/ less” Explore capacity through sand & water play.</p>
KS1	Understanding shape (“The Magic School Bus”)	<p>Begin to use mathematical names for 2D & 3D shapes. Copy or continue patterns in shape or pictures. Begin to describe shapes & patterns that they see around the school or in books. Sort and organise shapes according to a set criteria. Solve simple problems relating to shape eg. Which box will hold the most biscuits?</p>	<p>Develop IT skills Ordering, recognising and counting numbers Complete counting on sums. Sort and match objects by set criteria.</p>
Yr 3 & 4	Measures - capacity (“Pirates”)	<p>Investigate capacity through water experiments. Use vocabulary correctly in relation to capacity: “heavy/light”, “full/empty”, “balances”. Estimate capacity of containers and check by using standard measures. Collate lists & tables to show results of investigations. Solve problems by answering “How..? questions.</p>	<p>Use IT programmes to record results of investigations. Complete simple sums using addition & subtraction. Be able to find equipment for familiar tasks.</p>
Yr 5 & 6	Handling data (“Growing Up & Moving On”)	<p>Estimate height, numbers etc and check answers by collating data. Collect information relating to an aspect of the topic and put into lists, tables and graphs. Answer “How can we find out...” questions. Understand and use data vocabulary eg. graph, represent, label. Begin to talk about their findings to each other by reading information on a graph or table.</p>	<p>Develop use of IT to record results & data. Complete sums using addition & subtraction. Use appropriate equipment for a task. Use search engines to collect information about the topic.</p>