

Mathematics: 2nd year of cycle Summer 1

Class	Topic	Main Learning Outcomes	General work activities
Foundation	Pirates	<p>Use language of size and shape when playing/ exploring with water.</p> <p>Count & sort items in practical situations.</p> <p>Investigate water in a range of contexts eg outside tray, ice lollies</p> <p>Understand the concepts of “full”/”empty” in different contexts.</p> <p>Respond to positional language in play: “in/on/under”</p>	<p>Begin to locate familiar equipment.</p> <p>Develop simple IT skills.</p> <p>Rote counting & number songs.</p> <p>To respond to “more/ less”</p> <p>Explore capacity through sand & water play.</p>
KS1	<p>Measures – capacity</p> <p>(“Pirates”)</p>	<p>Investigate capacity via water play and with a variety of equipment.</p> <p>Be able to use vocabulary correctly: “full/empty”, “heavy/ light”</p> <p>Begin to make comparisons between containers, sorting by size or shape.</p> <p>Record results by pictures or photos eg. biggest bucket.</p> <p>Solve simple problems relating to capacity.</p>	<p>Develop IT skills</p> <p>Ordering, recognising and counting numbers</p> <p>Complete counting on sums.</p> <p>Sort and match objects by set criteria.</p>
Yr 3 & 4	<p>Handling data</p> <p>(“Mr Bloom’s Greenhouse”)</p>	<p>Make lists of “data”, in words, numbers or colours.</p> <p>Make estimations about amounts and check by counting.</p> <p>Respond to “How can we find out...?” questions</p> <p>Begin to select appropriate equipment for problem solving.</p> <p>Collate information and form into simple tables or graphs.</p>	<p>Use IT programmes to record results of investigations.</p> <p>Complete simple sums using addition & subtraction.</p> <p>Be able to find equipment for familiar tasks.</p>
Yr 5 & 6	<p>Measures-distance</p> <p>(“Jet Setters”)</p>	<p>Use vocabulary relating to length & distance eg. miles, kilometres.</p> <p>Estimate a distance and choose appropriate equipment to measure.</p> <p>Organise collected data into lists, graphs & tables.</p> <p>Use simple internet websites to gains information on travel and distances</p> <p>Use standard measurements in tasks.</p> <p>Take part in problem solving tasks relating to travelling to different places eg. bus routes, distances to school.</p>	<p>Develop use of IT to record results & data.</p> <p>Complete sums using addition & subtraction.</p> <p>Use appropriate equipment for a task.</p> <p>Use search engines to collect information about places.</p>