



Night Pirate Class (Year 2)
 Mathematics Medium Term Planning with differentiation.
Summer A - 2024
 Whole school theme: **Food and farming**
 Literacy tree story: Rosie Revere Engineer/ Iggy Peck Architect

Activities and groups adapted as necessary following on going formative assessments.

Week	Starters	<p style="text-align: center;">Golden Treasures Target GD2</p> <p>All below to be done with adult keeping children on task. Using concrete apparatus initially then pictorial representations. Then finally moving to mentally and independently.</p>	<p style="text-align: center;">Green Parrots Target WT2/EXP2</p> <p style="text-align: center;">Red Pirates Target WT2/EXP2 3 SEND children - Mastering number - Reception/Year 1.</p> <p>All below to be done with support as necessary. Initially, using concrete apparatus, then moving to pictorial representations.</p>

<p>Week 1 22nd – 25th April</p> <p>Thursday 24th April – Hamp Academy playtime 10.10-10.25</p> <p>Bank Holiday Monday</p> <p>Theme Week – Food and Farming</p> <p>Include ST George’s Day flag making 23/06</p>	<p><u>EMC:</u> See small steps and time objectives.</p> <p><u>Starter:</u> Partition Numbers</p>	<p style="text-align: center;"><i>Golden Treasures/Green Parrots/Red Pirates</i></p> <p style="text-align: center;"><u>Theme Week – Summer A</u></p> <p style="text-align: center;">Where time allows during theme week, children will be recapping addition and subtraction skills leading into money next week.</p> <p style="text-align: center;">Addition and subtraction RECAP sessions:</p> <p style="text-align: center;">Add two 2 digit numbers Subtract two 2 digit numbers Solve two step word problems involving + and - Use reasoning about numbers and relationships (for addition and subtraction)</p> <p style="text-align: center;">Addition and subtraction: Small steps</p> <p style="text-align: center;">Add two 2-digit numbers (across a 10) Subtract 2-digit numbers (across a 10) Mixed addition and subtraction</p> <p style="text-align: center;">Working mathematically</p> <p style="text-align: center;">Show fluency Show varied fluency Show reasoning and problem solving skills</p> <p style="text-align: center;">NB: See weekly planning for stem sentences and vocabulary.</p>
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<p>Week 2 28th April - 2nd May</p> <p>Thursday 1st May- Hamp Academy playtime 10.10-10.25</p> <p>Literacy Tree Week 1 - Fiction</p>	<p><u>EMC:</u> Count forwards to 100 from 0. Count backwards from any given number. Number bonds to 10 and 100. Read numbers from 1 - 20 in words. Write numbers from 1 - 20 in words.</p> <p><u>Starter:</u> Counting in 2, 5 and 10. Reciting 2x tables. Reciting 10x tables. Reciting 5x tables.</p>	<p>Golden Treasures/Green Parrots/Red Pirates</p> <p>Money: Small steps Count money - pence. Count money - pounds (notes and coins) Count money - (pounds and pence) Choose notes and coins. Make the same amount. Compare amounts of money.</p> <p>Measurement - Money Add and subtract using a combination of all coins. Find different combinations of coins that equal the same amounts of money. Solve money word problems involving more than one-step. Give change in a simple exchange. (G2)</p> <p>Working mathematically Record different methods using a variety of formats. Use own ideas to create own records. Sort and classify giving reasons for choices. Make comparisons and order using < > & =. Identify the need for and use equipment correctly. Show fluency. Show varied fluency. Show reasoning and problem solving skills.</p> <p>Speaking and Listening Use techniques such as hot seating and freeze frame to explore characters and emotions. Focus on key points in a sentence in order to answer a question.</p>
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Golden Treasures/Green Parrots/Red Pirates

<p>Week 3 5th - 9th May</p> <p>Wednesday 7th May- Hamp Academy playtime 10.10-10.25</p> <p>Literacy Tree Week 2 - Fiction</p> <p>May 5th Bank Holiday</p> <p>May 7th Church assembly 1.15</p> <p>May 9th Somerset Day activities PM</p>	<p><u>EMC:</u> Count to and back to 100, from a given number. Count forwards and backwards to 20/50/100 from 0. Reliably count up to 20/50/ 100 objects.</p> <p><u>Starter:</u> Counting in 2, 5 and 10. Reciting 2x tables. Reciting 10x tables. Reciting 5x tables.</p>	<p>Calculate with money. Make a pound. Find change. Two-step problems.</p> <p>Measurement - Money</p> <p>Add and subtract using a combination of all coins. Find different combinations of coins that equal the same amounts of money. Solve money word problems involving more than one-step. Give change in a simple exchange. (G2)</p> <p>Working mathematically</p> <p>Record different methods using a variety of formats. Use own ideas to create own records. Sort and classify giving reasons for choices. Make comparisons and order using <, > & =. Identify the need for and use equipment correctly. Show fluency. Show varied fluency. Show reasoning and problem solving skills.</p>
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<p>Week 4 12th May - 16th May T4W Week 3 - Fiction</p>	<p><u>EMC:</u> Count forwards and backwards to 20/50/100 from 0 and from any given number. Read numbers from 1 to 20 in words. Write numbers from 1 to 20 in words. Count forward in 10's, 5's and 2's.</p> <p><u>Starter:</u> Counting in 2, 5 and 10. Reciting 2x tables. Reciting 10x tables. Reciting 5x tables..</p>	<p style="text-align: center;">Golden Treasures/Green Parrots/Red Pirates</p> <p style="text-align: center;">Length & Height: Small steps Measure in centimetres. Measure in metres. Compare lengths and heights. Order lengths and heights. Four operations with lengths and heights.</p> <p style="text-align: center;">Measurement - Length and Height Read scales and divisions of 1's, 2's, 5's and 10's in practical situations where all numbers on the scale are given (EX2) Read scales and divisions of 1's, 2's, 5's and 10's in practical situations where not all numbers on the scale are given (GD2) Identify and use the appropriate standard units to estimate and measure in cm & m.</p> <p style="text-align: center;">Working mathematically Record different methods using a variety of formats. Use own ideas to create own records. Sort and classify giving reasons for choices. Make comparisons and order using <, > & =. Identify the need for and use equipment correctly. Show fluency. Show varied fluency. Show reasoning and problem solving skills.</p> <p style="text-align: center;">Speaking and Listening Focus on key points in a sentence in order to answer a question. Explain the meaning of words.</p>
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<p>Week 5 19th May - 23rd May Assessment Week</p>	<p><u>EMC</u> Count to and back to 100, from a given number. Read numbers from 1 to 20 in words. Write numbers from 1 to 20 in words.</p> <p><u>Starter:</u> Counting in 2, 5 and 10. Reciting 2x tables. Reciting 10x tables. Reciting 5x tables.</p>	<p style="text-align: center;">Golden Treasures/Green Parrots/Red Pirates</p> <p style="text-align: center;">Mass, Capacity, Temperature: Small steps</p> <p style="text-align: center;">Compare volume and capacity Measure in millilitres Measure in litres Four operations with volume and capacity Temperature</p> <p style="text-align: center;">Measurement: Mass, Capacity, Temperature</p> <p style="text-align: center;">Measure mass to the nearest appropriate standard unit (kg/g) using scales. Measure capacity to the nearest appropriate standard unit (ml/l) using measuring vessels. Measure temperature to the nearest appropriate standard unit (C) using a thermometer. Record the results, compare and order measurements using <, > and =.</p> <p style="text-align: center;">Read scales in divisions of 1s, 2s, 5s and 10s in practical situations where all numbers on scale are given. Read and order in divisions of 1s, 2s, 5s and 10s in a practical situation where not all numbers on the scale are given.</p> <p style="text-align: center;">Make reasonable estimates of measurements based on what you know about standard units. Measure objects where not all numbers on the scale are given. (1,2,5,10)</p>
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