



## Night Pirates Class (Year 2)

Mathematics Medium Term Planning with differentiation - White Rose.

(See separate plan for Mastering Number)

**Summer B - 2024**

Whole school theme: **Reading for Pleasure.**

TFW stories: The Minpins & The Bear Under the Stairs

**"How does it make you feel?"**

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

Week	Starters	<p><b>Golden Treasures</b></p> <p>10 Children Target GD1/WT2</p> <p>All below to be done with adult keeping children on task initially, then independently. Using concrete apparatus initially then pictorial representations. Then finally moving to mentally and independently.</p> <p><b>ALSO SEE SEPARATE MASTERING NUMBER PLANNING FOR ADDITIONAL NUMBER WORK.</b></p>	<p><b>Green Parrots</b></p> <p>12 Children Target GD1/WT2</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><b>ALSO SEE SEPARATE MASTERING NUMBER PLANNING FOR ADDITIONAL NUMBER WORK.</b></p>	<p><b>Red Pirates</b></p> <p>6 Children ELG/WT1/EX1</p> <p>All below to be done with support as necessary. Using concrete apparatus initially, then moving to pictorial representations.</p> <p><b>ALSO SEE SEPARATE MASTERING NUMBER PLANNING FOR ADDITIONAL NUMBER WORK.</b></p>
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GOLDEN TREASURES & GREEN PARROTS & RED PIRATES

Theme Week (3 days) - Settling in & Reading for Pleasure.  
See separate planning.

Speaking and Listening

Understand categories of words such as **nouns**, **pronouns**, **adjectives**, **verbs** and **adverbs**.

Week  
1

EMC

GOLDEN

TREASURES &  
GREEN PARROTS

02.09.24-  
06.09.24

Count to 20 forwards  
and backwards from  
0 and any given  
number.

02.10.24 -  
Summer  
Holiday

RED PIRATES

Count to 10 forwards.

03.09.24 -  
INSET Day

Starter

3 day week

Theme week -  
Settling  
in/Reading for  
Pleasure

<p><b>Week</b> <b>2</b></p> <p>09.09.24- 13.09.24</p> <p>Theme week - Settling in/Reading for Pleasure</p>	<p><u>EMC</u></p> <p><b>GOLDEN TREASURES &amp; GREEN PARROTS</b></p> <p>Count to 50 forwards and backwards from 0 and any given number.</p> <p><b>RED PIRATES</b></p> <p>Count to 10 forwards &amp; one more.</p> <p><u>Starter</u></p>	<p><b>GOLDEN TREASURES &amp; GREEN PARROTS &amp; RED PIRATES</b></p> <p><b>Theme Week - Reading for Pleasure.</b> <b>See separate planning.</b></p> <p>Place value &amp; counting baseline progress checks to inform future planning.</p> <p>Place value within 10 Place value to 20 Place value to 50 Place value to 100</p> <p><i>Speaking and Listening</i></p> <p>Understand categories of words such as <b>nouns</b>, <b>pronouns</b>, adjectives, verbs and adverbs.</p>
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<p><b>Week 3</b></p> <p>16.09.24-20.09.24</p> <p>Literacy Tree Week 1</p>	<p><u>EMC</u></p> <p><b>GOLDEN TREASURES &amp; GREEN PARROTS</b></p> <p>Count to 100 forwards and backwards from 0 and any given number.</p> <p><b>RED PIRATES</b></p> <p>Count to 10 forwards &amp; one less.</p> <p><u>Starter</u></p> <p>See separate planning slides for daily starters.</p>	<p><b>GOLDEN TREASURES &amp; GREEN PARROTS &amp; RED PIRATES</b></p> <p><b>Number - Place Value: Small steps</b></p> <p>Numbers to 20</p> <p>Count objects to 100 by making 10s</p> <p>Recognise tens and ones</p> <p>Use a place value chart</p> <p><b>Number - Place Value: Learning objectives.</b></p> <p>Count forwards to 20/50/100.</p> <p>Count backwards from any given number 20/50/100.</p> <p>Read numbers in numerals.</p> <p>Write numbers in numerals.</p> <p>Recognise two digit numbers and tens and ones.</p> <p>Identify and represent numbers, including using number lines.</p> <p>Use the language 'equal to', 'more than', 'less than', 'fewer', 'most', 'least'.</p> <p>Identify one more and one less than a given number.</p> <p>Partition two digit numbers using concrete resources and write number sentences</p> <p>Read numbers to 50 in words.</p> <p>Read numbers to 100 in words.</p> <p>Write numbers in words (phonetically plausible) to 50.</p> <p>Write numbers in words (phonetically plausible) to 100.</p> <p>Compare and order numbers from 0-100 using mathematical language.</p> <p><b>Working mathematically</b></p> <p>Make mathematical observations.</p> <p>Notice and discuss patterns and relationships.</p> <p>Identify and use the correct technical subject specific vocabulary in group and individual discussions.</p> <p><b>Speaking and Listening</b></p> <p>Understand categories of words such as <b>nouns</b>, <b>pronouns</b>, <b>adjectives</b>, <b>verbs</b> and <b>adverbs</b>.</p> <p>NB: See weekly planning for stem sentences and vocabulary.</p>
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<p><b>Week</b> <b>4</b></p> <p>23.09.24- 27.09.24</p> <p>Literacy Tree Week 2</p>	<p><b>EMC</b></p> <p><b>GOLDEN TREASURES &amp; GREEN PARROTS</b></p> <p>Count forwards in 10's to 100.</p> <p><b>RED PIRATES</b></p> <p>Count to 10 forwards &amp; one more/less.</p> <p><u><b>Starter</b></u></p> <p>See separate planning slides for daily starters.</p>	<p><b>GOLDEN TREASURES &amp; GREEN PARROTS &amp; RED PIRATES</b></p> <p><b>Number - Place Value: Small steps</b></p> <p>Partition numbers to 100 Write numbers to 100 in words Flexibly partition numbers to 100 Write numbers to 100 in expanded form</p> <p><b>Number - Place Value: Learning objectives.</b></p> <p>Count forwards to 20/50/100. Count backwards from any given number 20/50/100. Read numbers in numerals. Write numbers in numerals. Recognise two digit numbers and tens and ones. Identify and represent numbers, including using number lines. Use the language 'equal to', 'more than', 'less than', 'fewer', 'most', 'least'. Identify one more and one less than a given number. Partition two digit numbers using concrete resources and write number sentences Partition two digit numbers in different ways. Read numbers to 50 in words. Read numbers to 100 in words. Write numbers in words (phonetically plausible) to 50. Write numbers in words (phonetically plausible) to 100. Compare and order numbers from 0-100 using mathematical language.</p> <p><b>Working mathematically</b></p> <p>Ask and answer a range of mathematical questions. Explain and justify own knowledge with some detail. Record different methods using a variety of formats.</p> <p><b>Speaking and Listening</b></p> <p>Understand categories of words such as <b>nouns</b>, <b>pronouns</b>, <b>adjectives</b>, <b>verbs</b> and <b>adverbs</b>.</p> <p>NB: See weekly planning for stem sentences and vocabulary.</p>
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<p><b>Week 5</b></p> <p>30.09.24-04.10.24</p> <p>Literacy Tree Week 3</p>	<p><b>EMC</b></p> <p><b>GOLDEN TREASURES &amp; GREEN PARROTS</b></p> <p>Count forwards in 5's to 100.</p> <p><b>RED PIRATES</b></p> <p>Count to 15 forwards.</p> <p><u>Starter</u></p> <p>See separate planning slides for daily starters.</p>	<p><b>GOLDEN TREASURES &amp; GREEN PARROTS &amp; RED PIRATES</b></p> <p><b>Number - Place Value: Small steps</b></p> <p>10s on the number line to 100</p> <p>10s and 1s on the number line to 100</p> <p>Estimate numbers on a number line</p> <p>Compare objects</p> <p><b>Number - Place Value: Learning objectives.</b></p> <p>Count forwards to 20/50/100.</p> <p>Count backwards from any given number 20/50/100.</p> <p>Read numbers in numerals.</p> <p>Write numbers in numerals.</p> <p>Recognise two digit numbers and tens and ones.</p> <p>Identify and represent numbers, including using number lines.</p> <p>Use the language 'equal to', 'more than', 'less than', 'fewer', 'most', 'least'.</p> <p>Identify one more and one less than a given number.</p> <p>Partition two digit numbers using concrete resources and write number sentences</p> <p>Partition two digit numbers in different ways.</p> <p>Read numbers to 50 in words.</p> <p>Read numbers to 100 in words.</p> <p>Compare and order numbers from 0-100 using mathematical language.</p> <p>Compare and order numbers from 0-100 using <math>&lt;</math> <math>&gt;</math> <math>=</math></p> <p><b>Working mathematically</b></p> <p>Use own ideas to create own records.</p> <p>Sort and classify giving reasons for choices.</p> <p>Make comparisons and order using <math>&lt;</math> <math>&gt;</math> <math>=</math></p> <p><b>Speaking and Listening</b></p> <p>Use interesting and imaginative words to add style and flow to speech and writing.</p> <p>NB: See weekly planning for stem sentences and vocabulary.</p>
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<p><b>Week</b> <b>6</b></p> <p>07.10.24- 11.10.24</p> <p>Literacy Tree Week 4</p>	<p><b>EMC</b></p> <p><b>GOLDEN TREASURES &amp; GREEN PARROTS</b></p> <p>Count forwards in 2's to 20.</p> <p><b>RED PIRATES</b></p> <p>Count to 20 forwards.</p> <p><u>Starter</u></p> <p>See separate planning slides for daily starters.</p>	<p><b>GOLDEN TREASURES &amp; GREEN PARROTS &amp; RED PIRATES</b></p> <p><b>Number - Place Value: Small steps</b></p> <p>Compare numbers Order objects and numbers Count in 2s, 5s and 10s Count in 3s</p> <p><b>Number - Place Value: Learning objectives.</b></p> <p>Count forwards to 20/50/100. Count backwards from any given number 20/50/100. Read numbers in numerals. Write numbers in numerals. Recognise two digit numbers and tens and ones. Identify and represent numbers, including using number lines. Use the language 'equal to', 'more than', 'less than', 'fewer', 'most', 'least'. Identify one more and one less than a given number. Partition two digit numbers using concrete resources and write number sentences Partition two digit numbers in different ways. Read numbers to 50 in words. Read numbers to 100 in words. Write numbers in words (phonetically plausible) to 50. Write numbers in words (phonetically plausible) to 100. Compare and order numbers from 0-100 using mathematical language. Compare and order numbers from 0-100 using &lt; &gt; &amp; =</p> <p><b>Working mathematically</b></p> <p>Identify the need for and use equipment correctly. Show fluency. Show varied fluency. Show reasoning and problem solving skills.</p> <p><b>Speaking and Listening</b></p> <p>Use interesting and imaginative words to add style and flow to speech and writing.</p> <p>NB: See weekly planning for stem sentences and vocabulary.</p>
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GOLDEN TREASURES & GREEN PARROTS & RED PIRATES

Week  
7

EMC  
GOLDEN  
TREASURES &  
GREEN  
PARROTS

14.10.24-  
18.10.24

Literacy Tree  
Week 5

18.10.24 -  
Parent's Day

Count to 100  
forwards and  
backwards from  
0.

RED PIRATES  
Count to 20  
forwards & one  
more.

Starter

See separate  
planning slides  
for daily  
starters.

Geometry - Shape: Small steps

Recognise 2D and 3D shapes  
Count sides on 2D shapes  
Count vertices on 2D shapes  
Draw 2D shapes  
Lines of symmetry on shapes  
Use lines of symmetry to complete shapes

Geometry - Shape: Learning objectives.

Name, compare and describe properties of all 2D shapes in different orientations and contexts, including pentagon, hexagon and octagon.

Name common 3D shapes in different orientations and contexts.

Understand terminology of properties of 3D shapes.

Recognise symmetry in 2D shapes.

Identify 2D shapes on the surface of 3D shapes.

Know and describe properties of 3D shapes, including the number of edges, vertices and faces.

In 2D shapes, identify, describe and compare symmetry in a vertical line and the number of sides.

Describe and compare similarities and differences of 2D and 3D shape using their properties.

Order and arrange combinations of mathematical objects in patterns and sequences.

Working mathematically

Make mathematical observations.

Notice and discuss patterns and relationships.

Identify and use the correct technical subject specific vocabulary in group and individual discussions.

Ask and answer a range of mathematical questions.

Explain and justify own knowledge with some detail.

Record different methods using a variety of formats.

Use own ideas to create own records.

Sort and classify giving reasons for choices.

Make comparisons.

Identify the need for and use equipment correctly.

Speaking and Listening

Use interesting and imaginative words to add style and flow to speech and writing.

NB: See weekly planning for stem sentences and vocabulary.

GOLDEN TREASURES & GREEN PARROTS & RED PIRATES

Week  
8

EMC  
GOLDEN  
TREASURES &  
GREEN  
PARROTS

21.10.24-  
25.10.24

Assessment  
Week

25.10.24 -  
INSET Day

Count to 100  
forwards and  
backwards from  
0.

RED PIRATES  
Count to 20  
forwards & one  
less.

Starter

See separate  
planning slides  
for daily  
starters.

Assessment Week  
&

Geometry - Shape: Small steps

Sort 2D shapes

Count faces on 3D shapes

Count edges on 3D shapes

Count vertices on 3D shapes

Sort 3D shapes

Make patterns with 2D and 3D shapes

Geometry - Shape: Learning objectives.

Know and describe properties of 3D shapes, including the number of edges, vertices and faces.  
In 2D shapes, identify, describe and compare symmetry in a vertical line and the number of sides.  
Describe and compare similarities and differences of 2D and 3D shape using their properties.  
Order and arrange combinations of mathematical objects in patterns and sequences.

Working mathematically

Name, compare and describe properties of all 2D shapes in different orientations and contexts, including pentagon, hexagon and octagon.

Name common 3D shapes in different orientations and contexts.

Understand terminology of properties of 3D shapes.

Recognise symmetry in 2D shapes.

Identify 2D shapes on the surface of 3D shapes.

Make mathematical observations.

Notice and discuss patterns and relationships.

Identify and use the correct technical subject specific vocabulary in group and individual discussions.

Ask and answer a range of mathematical questions.

Explain and justify own knowledge with some detail.

Record different methods using a variety of formats.

Use own ideas to create own records.

Sort and classify giving reasons for choices.

Make comparisons.

Identify the need for and use equipment correctly.

		<p>Show fluency. Show varied fluency. Show reasoning and problem solving skills.</p>
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Speaking and Listening  
Use interesting and imaginative words to add style and flow to speech and writing.

NB: See weekly planning for stem sentences and vocabulary.