
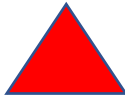



STARDUST CLASS. Year 1/2. Mathematics medium term planning with differentiation. Autumn B 2024/2025

Whole school theme: Reading for pleasure. TFW story: Stanley's Stick and Dinosaurs and all that rubbish.

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

<p>Week</p>	<p>Starters</p>	<p>YELLOW STARS (EX1/WT2)</p>  <p>All below to be done with adult keeping chn on task. Using concrete apparatus, then pictorially. ALSO SEE SEPARATE MASTERING NUMBER PLANNING FOR ADDITIONAL NUMBER WORK.</p>	<p>Red triangles (W1) and Blue squares (ELGS) Year 1 and Year 2 children.</p>   <p>All below to be done with support as necessary. Initially, using concrete apparatus, then moving to pictorial representations. 1 SEND children - Mastering number -Year 1. ALSO SEE SEPARATE MASTERING NUMBER PLANNING FOR ADDITIONAL NUMBER WORK.</p>
<p>Week 1 4th - 8th November</p> <p>Literacy Tree - Text 1 - Week 1</p> <p>Monday 4th - Bonfire/Carnival Celebrations</p>	<p><u>EMC:</u> -Count forwards to 100 from 0. -Count forwards from a given number. -Count backwards from any given number.</p> <p><u>Starter</u> See separate planning slides for daily starters.</p>	<p><u>Monday-Carnival theme day</u> <u>See separate planning.</u></p> <p>Number - Addition and Subtraction -Represent and use number bonds to 10 -Represent and use number bonds to 20 - Add a single digit number to a 2-digit number within 20 Subtract a single digit number from a 2-digit number within 20 Use related subtraction facts within 20 Understand commutativity of addition (order doesn't matter) and make all related addition number sentences Understand commutativity of subtraction (order matters) and make all related addition number sentences Recall, use and reason with number bonds Recall and use related number facts for addition Add a 2-digit number and 1 digit number Subtract 1 digit number from 2 digit</p> <p>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. NB: See weekly planning for stem sentences and vocabulary.</p> <p><u>Small steps</u></p>	<p><u>Monday-Carnival theme day</u> <u>See separate planning.</u></p> <p>Number: Addition and Subtraction (within 10) Subtraction within 10 Use related subtraction facts Subtract two single digit numbers</p> <p><u>Small steps</u> Find a part Subtraction find a part Fact families- the eight facts Subtraction take away/ cross out Take away Subtraction on a number line Add or subtract 1 or 2. <u>Speaking and Listening</u></p>

		<p>Bonds to 10</p> <ul style="list-style-type: none"> -Fact families - addition and subtraction bonds within 20 -Related facts -Bonds to 100 (tens) <p><u>Speaking and Listening</u></p>	
<p>Week 2 11th - 15th November</p> <p>Literacy Tree - Text 1 - Week 2</p> <p>11th November - Remembrance Day/Afternoon Activities</p> <p>15th November - Children in need</p>	<p><u>EMC:</u></p> <ul style="list-style-type: none"> -Count forwards to 100 from 0 -Count backwards from any given number. <p><u>Starter</u></p> <p>See separate planning slides for daily starters.</p>	<p><u>Number - Addition and Subtraction</u></p> <ul style="list-style-type: none"> -Represent and use number bonds to 10 -Represent and use number bonds to 20 - Add a single digit number to a 2-digit number within 20 Subtract a single digit number from a 2-digit number within 20 Use related subtraction facts within 20 <p>Understand commutativity of addition (order doesn't matter) and make all related addition number sentences</p> <p>Understand commutativity of subtraction (order matters) and make all related addition number sentences</p> <p>Recall, use and reason with number bonds</p> <p>Recall and use related number facts for addition</p> <p>Add a 2 digit number and 1 digit number</p> <p>Subtract 1 digit number from 2 digit</p> <p>Add three 1 digit numbers</p> <p><u>Working mathematically</u></p> <p>Ask and answer a range of mathematical questions.</p> <p>Explain and justify own knowledge with some detail.</p> <p>Record different methods using a variety of formats.</p> <p><u>Small steps</u></p> <ul style="list-style-type: none"> -Add and subtract 1s -Add by making 10 <p>Add three 1-digit numbers</p> <ul style="list-style-type: none"> -Add to the next 10 <p>NB: See weekly planning for stem sentences and vocabulary.</p> <p><u>Speaking and Listening</u></p>	<p><u>Number: Place Value to 20</u></p> <p>Count forwards from 0 to 50</p> <p>Count backwards form any given number under 50</p> <p>Read numbers in numerals to 20</p> <p>Write numbers in numerals to 20</p> <p>Read numbers in words to 10</p> <p>Write numbers in words to 10</p> <p>Recognise two digit numbers as tens and ones</p> <p>Use the language equal to, more than, less than to 20</p> <p>Identify one more and one less than a given number.</p> <p><u>Small steps</u></p> <p>Count within 20</p> <p>Understand 10</p> <p>Understand 11, 12, 13, 14,15, 16, 17, 18, 19,</p> <p>Understand 20</p> <p>1 more, 1 less.</p> <p><u>Small steps</u></p> <p><u>Speaking and Listening</u></p>
<p>Week 3 18th - 22nd November</p> <p>Literacy Tree - Text 1 - Week 3</p>	<p><u>EMC:</u></p> <ul style="list-style-type: none"> -Count to and back to 100, from a given number. -Count forwards and backwards 	<p><u>Number: Addition and Subtraction</u></p> <ul style="list-style-type: none"> -Represent and use number bonds -Add two single digit numbers within 20 -Add a single digit number to a 2-digit number within 20 -Solve one step problems which involve addition -Add a 2 digit number and 10s -Add two 2 digit numbers -Subtract a single digit number from a 2-digit number within 20 -Solve one step problems which involve addition and subtraction -Recall and use related number facts for addition - -Add a 2 digit number and 1 digit number Add a 2 digit number and 10s 	<p><u>Number: Place Value to 20</u></p> <p>Count forwards from 0 to 50</p> <p>Count backwards form any given number under 50</p> <p>Identify and represent numbers, including number lines to 20</p> <p>Recognise two digit numbers as tens and ones</p> <p>Use the language equal to, more than, less than to 20</p> <p>Identify one more and one less than a given number.</p> <p><u>Small steps</u></p> <p>The number line to 20</p>

<p>20th November – World Children’s Day</p>	<p>to 20/50/100 from 0. -Reliably count up to 20/50/ 100 objects.</p> <p><u>Starter</u> See separate planning slides for daily starters.</p>	<p>Add two 2 digit numbers Use reasoning about numbers and relationships -Subtract 1 digit number from 2 digit -Subtract 10s from a 2 digit number -Solve two step word problems involving + and - Working mathematically Use own ideas to create own records. Sort and classify giving reasons for choices. Make comparisons and order using < > & = Small steps Addition and subtraction: Small steps -Add across a 10 -Subtract across 10 -Subtract from a 10 -Subtract a 1-digit number from a 2-digit number (across a 10)</p> <p>NB: See weekly planning for stem sentences and vocabulary.</p> <p><u>Speaking and Listening-</u></p>	<p>Use a number line to 20 Estimate on a number line to 20 Compare numbers to 20 Order numbers to 20 Speaking and Listening Pick up new words quickly and easily</p>
<p>Week 4 25th – 29th November Literacy Tree – Text 2 – Week 1 29th November – St Andrews Day Assembly</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> See separate planning slides for daily starters.</p>	<p>Number – Addition and subtraction Use related subtraction facts -Add and subtract two single digit numbers -Subtract a single digit number from a 2-digit number within 20 -Solve one step problems which involve addition and subtraction - Understand commutativity of subtraction (order matters) and make all related addition number sentences -Understand the inverse relationship between addition and subtraction. -Recall, use and reason with number bonds -Add a 2 digit number and 10s -Subtract 1 digit number from 2 digit -Subtract 10s from a 2 digit number -Solve two step word problems involving + and - -Use reasoning about numbers and relationships (for subtraction)</p> <p>Working mathematically Identify the need for and use equipment correctly. Show fluency.</p> <p>NB: See weekly planning for stem sentences and vocabulary.</p> <p>Small Steps: 10 more, 10 less -Add and subtract 10s -Add two 2-digit numbers (not across a 10)</p>	<p>Number: Place Value to 20 Count forwards from 0 to 50 Count backwards from any given number under 50 Identify and represent numbers, including number lines to 20 Recognise two digit numbers as tens and ones Use the language equal to, more than, less than to 20 Identify one more and one less than a given number.</p> <p>Small steps The number line to 20 Use a number line to 20 Estimate on a number line to 20 Compare numbers to 20 Order numbers to 20 Speaking and Listening Pick up new words quickly and easily</p> <p><u>Speaking and Listening</u></p>

-Add two 2-digit numbers (across a 10)

Speaking and Listening

Week

5

2nd - 6th
December

Literacy Tree -
Text 1 - Week

3

Writing
assessments

2nd December -
Whole School
Nativity run
through

3rd December -
Nativity am
rehearsals

5th November -
Nativity dress
rehearsal

6th December -
Christmas
decoration day

EMC

-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.

Starter

See separate
planning slides
for daily
starters.

Number - Addition and subtraction

-Add two 2-digit numbers within 20 (e.g. 12+16)

-Solve one step problems which involve addition

-Solve missing number questions involving addition and subtraction (using inverse)

-Subtract two single digit numbers

-Subtract a single digit number from a 2-digit number within 20

-Subtract two 2-digit numbers within 20 (e.g.16-12)

- Add two 2 digit numbers

-Add a 2 digit number and 1 digit number

- Subtract two 2 digit numbers

-Solve two step word problems involving + and -

-Use reasoning about numbers and relationships (for addition and subtraction)

Working mathematically

Show varied fluency.

Small steps:

Subtract two 2-digit numbers (not across a 10)

-Subtract 2-digit numbers (across a 10)

-Mixed addition and subtraction

NB: See weekly planning for stem sentences and vocabulary.

Speaking and Listening

Measurement weight and volume

Measure and record using non-standard units.

Solve practical problems.

Identify and use the appropriate non-standard units to estimate and measure in.

Small steps

Heavier and lighter

Measure mass

Compare mass

Full and Empty

Compare volume

Measure Capacity

Compare capacity.

Speaking and Listening

Pick up new words quickly and easily

<p>Week 6 9th - 13th December</p> <p>Literacy Tree - Text 2 - Week 2</p> <p>Assessment week</p> <p>9th / 10th December - Nativity</p> <p>11th December - Nativity church performance</p> <p>12th December - Christmas jumper day, West End Pantomime and Christmas Lunch Day</p>	<p><u>EMC:</u></p> <ul style="list-style-type: none"> -Number bonds to 10 -Count aloud in 2's, 5's and 10's. -Read numbers from 1 to 20 in words. -Write numbers from 1 to 20 in words. <p><u>Starter</u></p> <p>See separate planning slides for daily starters.</p>	<p><u>Number - Addition and subtraction</u></p> <ul style="list-style-type: none"> -Solve missing number questions involving addition and subtraction (using inverse) -Solve one step problems which involve subtraction -Solve one step problems which involve addition - Use reasoning about numbers and relationships (for addition and subtraction) -Recall and use related number facts for addition -Solve two step word problems involving + and - -Understand the inverse relationship between addition and subtraction -Use reasoning about numbers and relationships (missing numbers) <p>Working mathematically</p> <p>Show reasoning and problem solving skills.</p> <p><u>Small steps:</u></p> <ul style="list-style-type: none"> Compare number sequences -Missing number problems <p>NB: See weekly planning for stem sentences and vocabulary.</p> <p><u>Speaking and Listening</u></p>	<p>Assessment week</p> <p>White rose papers</p>
<p>Week 7 16th - 20th December</p> <p>Christmas theme week</p>	<p><u>EMC:</u></p> <ul style="list-style-type: none"> -Count to 100 forwards and backwards from 0 and any given number. -Read numbers 	<p>Christmas Themed Maths</p> <p><u>Measurement - Money</u></p> <ul style="list-style-type: none"> -Recognise and know the value of different coins. -Recognise and know the value of different notes. -Add and subtract using a combination of all coins. -Find different combinations of coins that equal the same amounts of money. -Recognise that money has a value e.g., 10p is more than 1p -Recognise and know the value of different coins. -Recognise and know the value of different notes. -Recognise the symbols for pounds (£) and pence (p) <p><u>Working mathematically</u></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>Christmas Themed Maths</p> <p><u>Length and height</u></p> <p>Measure and record using non-standard units.</p> <p>Solve practical problems.</p> <p>Identify and use the appropriate non-standard units to estimate and measure in.</p> <p><u>Small steps</u></p> <ul style="list-style-type: none"> Compare lengths and heights Measure length using objects Measure length in centimeters.

	<p>from 1 to 20 in words. -Write numbers from 1 to 20 in words.</p> <p><u>Starter</u> See separate planning slides for daily starters..</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. 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> <p>Small steps -Count money - pence -Count money - pounds (notes and coins) -Count money - pounds and pence</p> <p>NB: See weekly planning for stem sentences and vocabulary.</p>	
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