

Paddington Class (Year 2) Mathematics Medium Term Planning with differentiation.

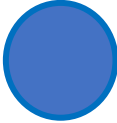
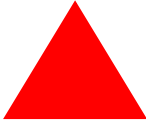

Autumn B - 2025

Whole school theme: **Celebrating Differences**

Literacy Tree Stories: Lubna and Pebble/Tadpoles Promise

How can we help?

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

Week	Starters	<p>BLUE CIRCLES 8 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>ALSO SEE SEPARATE MASTERING NUMBER PLANNING FOR ADDITIONAL NUMBER WORK.</p>	<p>RED TRIANGLE 9 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>ALSO SEE SEPARATE MASTERING NUMBER PLANNING FOR ADDITIONAL NUMBER WORK.</p>	<p>YELLOW STARS 8 Children WT1/EX1</p>  <p>All below to be done with support as necessary. Using concrete apparatus initially, then moving to pictorial representations.</p> <p>ALSO SEE SEPARATE MASTERING NUMBER PLANNING FOR ADDITIONAL NUMBER WORK.</p>
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<p>Week 1 3rd - 7th November</p> <p>3rd November - 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 style="text-align: center;">BLUE CIRCLES (WT2) / RED TRIANGLES (WT2) / YELLOW STARS (WT1/EX1)</p> <p style="text-align: center;">Addition and subtraction: Small steps</p> <ul style="list-style-type: none"> -Bonds to 10 -Fact families – addition and subtraction bonds within 20 -Related facts -Bonds to 100 (tens) <p style="text-align: center;">Number – Addition and Subtraction</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 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 style="text-align: center;">Working mathematically</p> <p style="text-align: center;">Make mathematical observations. Notice and discuss patterns and relationships. Identify and use the correct technical subject specific vocabulary in group and individual discussions.</p>
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<p>Week 2 10th – 14th November</p> <p>11th November – Remembrance Day/Afternoon Activities</p> <p>14th November - Children in need</p>	<p><u>EMC:</u> -Count forwards to 100 from 0 -Count backwards from any given number.</p> <p><u>Starter</u> See separate planning slides for daily starters.</p>	<p style="text-align: center;">BLUE CIRCLES (WT2) / RED TRIANGLES (WT2) / YELLOW STARS (WT1/EX1)</p> <p style="text-align: center;">Addition and subtraction: Small steps</p> <ul style="list-style-type: none"> -Add and subtract 1s -Add by making 10 Add three 1-digit numbers -Add to the next 10 <p style="text-align: center;">Number – Addition and Subtraction</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 Understand commutativity of subtraction (order matters) and make all related addition number sentences</p> <p style="text-align: center;">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 Add three 1 digit numbers</p> <p style="text-align: center;">Working mathematically</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>
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Week 3

17th – 21st
November

20th November –
World Children's
Day

EMC:

- 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.

Starter

See separate planning slides for daily starters.

BLUE CIRCLES (WT2) / RED TRIANGLES (WT2) / YELLOW STARS (WT1/EX1)

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)

Number – Addition and Subtraction

- 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
 - 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 $<$ $>$ $&$ $=$

<p>Week 4 24th – 28th November</p> <p>28th 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>BLUE CIRCLES (WT2) / RED TRIANGLES (WT2) / YELLOW STARS (WT1/EX1)</p> <p>Addition and subtraction: Small steps -10 more, 10 less -Add and subtract 10s -Add two 2-digit numbers (not across a 10) -Add two 2-digit numbers (across a 10)</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</p> <p>- 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>
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<p>Week 5 1st - 5th December</p> <p>1st December – Whole School Nativity run through</p> <p>2nd December – Whole School Nativity run through</p> <p>3rd December – Dress rehearsals</p> <p>4th December – Dress rehearsals – if needed</p> <p>5th December – Christmas Decoration Day</p>	<p><u>EMC</u></p> <p>-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> See separate planning slides for daily starters.</p>	<p>BLUE CIRCLES (WT2) / RED TRIANGLES (WT2) / YELLOW STARS (WT1/EX1)</p> <p>Addition and subtraction: Small steps</p> <ul style="list-style-type: none"> - Subtract two 2-digit numbers (not across a 10) -Subtract 2-digit numbers (across a 10) -Mixed addition and subtraction <p>Number – Addition and subtraction</p> <ul style="list-style-type: none"> -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) <ul style="list-style-type: none"> -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) <ul style="list-style-type: none"> - 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) <p>Working mathematically Show varied fluency.</p>
<p>Week 6 8th – 12th December</p> <p>Performance week</p> <p>8th December – Nativity</p> <p>9th December- Pantomime</p> <p>10th December - Nativity</p> <p>11th December - Christmas jumper day and lunch</p> <p>12th December – Nativity church performance</p>	<p><u>EMC:</u></p> <p>-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> <p><u>Starter</u> See separate planning slides for daily starters.</p>	<p>BLUE CIRCLES (WT2) / RED TRIANGLES (WT2) / YELLOW STARS (WT1/EX1)</p> <p>Addition and subtraction: Small steps</p> <ul style="list-style-type: none"> -Compare number sequences -Missing number problems <p>Number – Addition and subtraction</p> <ul style="list-style-type: none"> -Solve missing number questions involving addition and subtraction (using inverse) <ul style="list-style-type: none"> -Solve one step problems which involve subtraction -Solve one step problems which involve addition - Use reasoning about numbers and relationships (for addition and subtraction) <ul style="list-style-type: none"> -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 Show reasoning and problem solving skills.</p>

Week 7

15th – 19th
December

17th December -
Christmas movie
night

19th December -
Party & fun day

EMC:

-Count to 100
forwards and
backwards
from 0 and any
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.

BLUE CIRCLES (WT2) / RED TRIANGLES (WT2) / YELLOW STARS (WT1/EX1)

Christmas Themed Maths**Money: Small steps**

- Count money – pence
- Count money – pounds (notes and coins)
- Count money – pounds and pence

Measurement – Money

- 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)

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.