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Percy ~~Park Keepers~~ ~~STARDUST CLASS~~ Year 1 (EXC1)  
Mathematics Numeracy Medium term planning with differentiation.

~~Class 8. Year 2 (EXC2)~~ Autumn B 2024 2025 ~~Autumn A 2021/2022~~ Spring B 2020/2021

Activities and groups adapted as necessary following ongoing formative assessments.

Week	Starters	Autumn	Yellow Stars	Red Spring BLUE SQUARES
		Target WT1	★	●
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		<u>Name common 3d shapes in different orientations and contexts.</u>
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2  
11/11-  
15/11

Counting to 100  
forwards, counting  
backwards from 30. EMG:

**Number: Place Value to 20**

Count forwards from 0 - to 20

Count backwards from any given number - within 20

Number formation on  
white boards.

Read numbers in numerals - to 20

White Rose daily  
starter.

Write numbers in numerals - to 20

Counting to 20:

Read numbers in words - to 10

Starter:

Write numbers in words - to 10

EMG:

Counting to 20:

Recognise 2 digit numbers at tens and ones -  $17 = 10 + 7$

Identify and represent numbers - To 20 - Concrete, Pictorially, Abstract

Use the language of 'equal to', 'more than', 'less than', 'fewer', 'most', 'least' - to 20

Identify 1 more and 1 less than a given number - to 20

**Small Steps**

Count within 20

Understand 10

Understand 11, 12, 13

Understand 14, 15, 16

Begin to use mathematical names to talk about and describe 2D and 3D shapes.

Beginning to talk about the shapes of everyday objects. E.g. round, tall.

Select a particular named shape.

Describe relative position e.g. behind, next to.

Use familiar objects and common shapes to create and recreate patterns and build models.

Make mathematical observations.

Explore and investigate patterns and relationships.

Understand how to order/sequence items or events.

Name, compare and describe properties of less common 2d shapes - pentagon, hexagon and octagon.

Name all 2d shapes, common and less common in different orientations and contexts.

Name common 3d shapes in different orientations and contexts.

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18/11-  
22/11

Counting to 100  
forwards, counting  
backwards from  
30 EMG

Number formation on  
white boards.

White Rose daily  
starter.

Counting to 40.

Starter:

Counting to 40.

Chn to count as a  
group, then in pairs,  
then in turn around the  
group.

**Number: Place value to 20**

Count forwards from 0 - to 20

Count backwards from any given number - within 20

Read numbers in numerals - to 20

Write numbers in numerals - to 20

Read numbers in words - to 10

Write numbers in words - to 10

Recognise 2 digit numbers at tens and ones -  $17 = 10 + 7$

Identify and represent numbers - To 20 - Concrete, Pictorially, Abstract

Use the language of 'equal to', 'more than', 'less than', 'fewer', 'most', 'least' - to 20

Identify 1 more and 1 less than a given number - to 20

**Small Steps**

Understand 17, 18 19

Understand 20

1 more and 1 less

The number line to 20

- Count objects to 10 and begin to count beyond.
- Count an irregular arrangement of up to 10 objects.
- Estimate how many objects and check by counting them.
- Say the number that is one more than a given number.
- Find one more or one less from a group of objects up to ten.
- Record using marks that can be interpreted.
- Count to 10 forwards from 0.
- Count to 10 from any given number.
- Count backwards from any given number under 10.
- Read numbers to 10 in numerals.
- Write numbers to 10 in numerals.
- Given a number, identify 1 more or 1 less, to 10.
- Understand the language 'equal to', 'more than', 'less than'.
- Begin to use the language 'most' and 'least'.
- Begin to use language 'equal to', 'more than' and 'less than'.
- Read numbers from 1 to 10 in words.
- Write numbers from 1 to 10 in words.

**Small steps:**

Sort objects.

Count objects.

Represent objects.

Count, read and write forwards from any number 0 to 10

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<p>5 02/12-06/12</p>	<p>Counting to 100 forwards, counting backwards from 40 <del>EMC</del></p> <p>Number formation on white boards.</p> <p>White Rose daily starter</p>	<p><b>Geometry: Shape</b> Recognise symmetry in 2D shapes Identify 2D shapes on the surface of 3D shapes.</p>
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<p>12</p>	<p><del>EMC:</del> Count to 100 forwards and backwards from 0 and any given number in 1s.</p> <p><del>Starter:</del> Adding three 1-digit numbers mentally.</p> <p>Subtracting three 1-digit numbers mentally.</p> <p>Recognise, name and describe 2D shapes.</p> <p>Recognise, name and describe 3D shapes.</p> <p>Comparing 2D and</p>	<p><del>Measurement – Time:</del> Thursday = World Book Day.</p> <p>Small steps:</p> <p><del>Speaking and Listening skills:</del> Understand categories of words such as nouns, pronouns, adjectives, verbs and adverbs. Use interesting and imaginative words to add style and flow to speech and writing.</p>
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	3D shapes	
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6 09/12-12/12	<p><u>EMC:</u> <u>Counting to 60:</u></p> <p><u>Starter:</u> <u>Counting to 60:</u></p> <p><u>Can to count as a group, then in pairs, then in turn around the group:</u></p> <p>Counting to 100 forwards, counting backwards from 50.</p> <p><u>EMC:</u></p> <p>Number formation on white boards.</p>	<p><u>Assessment week:</u> End of term paper 1 End of term paper 2</p> <p><u>Number- Addition and</u> Dot all that apply on AfL document.</p> <p><u>Represent</u> _____ <u>number</u> _____ <u>bonds</u> _____ <u>to</u> _____ <u>10:</u> <u>Begin to use numbers bonds to 10:</u></p> <p><u>Small steps:</u> <u>Part-whole model:</u> <u>Addition symbol:</u> <u>Fact families — addition facts:</u> <u>Find number bonds for numbers within 10:</u> <u>Number bonds to 10:</u> <u>Compare number bonds:</u></p> <p><u>Speaking and Listening skills:</u> <u>Know what "good listener"</u> <u>Order events using appropriate</u> <u>Take on a "role/character" within a drama or</u></p>

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<p><b>7</b> 16/12-20/12</p>	<p>Counting to 100 forwards, counting backwards from 50. <u>EMC</u></p> <p>Number formation on white boards.</p> <p><u>Counting to 80.</u></p> <p>▲</p> <p><u>Starter:</u></p> <p><u>Counting to 80.</u></p> <p><u>Chn to count as a group, then in pairs, then in turn around the group.</u></p> <p>▲</p>	<p><b>Xmas Theme Week</b> <del>Number: Addition and Subtraction</del> Know what "good listen" Order events using appropriate Take on a "role/character" within a drama or</p> <p>Catch up on any missing sessions lost to nativity.</p>
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<p><b>3</b></p>	<p><u>EMC:</u> <u>Count to 100</u></p>	<p><u>Measurement — Time.</u></p>
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	forwards and backwards from 0 and any given number in 10s,	
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87		<p>No week 8 Theme-week &amp; Number: Addition</p> <p>Begin to work out the value of a missing number. Solve missing number questions such as <math>30 - ? = 24</math>.</p> <p>Small steps: Finding a part.</p> <p>Speaking and Listening skills: Know what "good listening" is. Order events using appropriate language. Take on a "role/character" within a drama or role-play.</p>
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