

# St Nicholas' CE Primary School

## 2023-2024 Medium Term Planning – Maths Year 3

### Term 5 & 6; Hare Class

Date w/c	Strand	Numbersense	Learning Objectives
15/04/24	Fractions	5 times table	<ul style="list-style-type: none"> <li>Start of unit conceptual lesson (5 times table)</li> <li>8.6 Pupils construct a whole when given a part and the number of parts</li> <li>8.7 Pupils identify how many equal parts a whole has been divided into</li> <li>8.8 Pupils use fraction notation to describe an equal part of the whole</li> <li>8.9 Pupils represent a unit fractions in different ways</li> <li>8.10 Pupils identify parts and wholes in different contexts (i)</li> </ul>
22/04/24	Fractions	5 times table	<ul style="list-style-type: none"> <li>8.11 Pupils identify parts and wholes in different contexts (ii)</li> <li>8.12 Pupils identify equal parts when they do not look the same (ii)</li> <li>8.13 Pupils compare and order unit fractions by looking at the denominator</li> <li>8.14 Pupils identify when unit fractions cannot be compared (1/2 lesson)</li> <li>8.15 Pupils construct a whole when given one part and the fraction that it represents</li> <li>8.16 Pupils use knowledge of the relationship between parts and wholes in unit fractions to solve problems</li> </ul>
29/04/24	Fractions	5 times table	<ul style="list-style-type: none"> <li>8.17 Pupils identify the whole, the number of equal parts and the size of each part as a unit fraction (1/2 lesson)</li> <li>8.18 Pupils quantify the number of items in each part and connect to the unit fraction operator (1/2 lesson)</li> <li>8.19 Pupils calculate the value of a part by connecting knowledge of division and division facts with finding a fraction of a quantity (1/2 lesson)</li> <li>8.20 Pupils calculate the value of a part by connecting knowledge of division and division facts with finding a fraction of a quantity (1/2 lesson)</li> <li>8.21 Pupils find fractions of quantities using knowledge of division facts with increasing fluency</li> </ul>
07/05/24 (4 days)	Fractions <b>NCETM Unit 9</b>	5 times table	<ul style="list-style-type: none"> <li>9.1 Pupils explain that non-unit fractions are composed of more than one unit fraction (1/2 lesson)</li> <li>9.2 Pupils identify non-unit fractions (1/2 lesson)</li> <li>9.3 Pupils describe, identify and label non-unit fractions, including using the correct notation</li> </ul>

	<b>Non-Unit Fractions</b>		<ul style="list-style-type: none"> <li>9.4 Pupils use knowledge of non-unit fractions to solve problems</li> <li>9.5 Pupils use knowledge of unit fractions to find one whole</li> </ul>
13/05/24	Fractions	5 times table	<ul style="list-style-type: none"> <li>9.6 Pupils place fractions between 0 and 1 on a number line</li> <li>9.7 Pupils use repeated addition of a unit fraction to form a non-unit fraction</li> <li>9.8 Pupils use repeated addition of a unit fraction to form 1</li> <li>9.9 Pupils compare using knowledge of non-unit fractions equivalent to one (<math>\frac{1}{2}</math> lesson)</li> <li>9.10 Pupils compare non-unit fractions with the same denominator</li> </ul>
20/05/24 (3 days)	Fractions		<ul style="list-style-type: none"> <li>9.11 Pupils compare unit fractions (consolidation- <math>\frac{1}{2}</math> lesson)</li> <li>9.12 Pupils compare fractions with the same numerator</li> <li>9.13 Pupils add fractions with the same numerator</li> </ul>
HALF TERM			
04/06/24 (4 days)	Fractions	Consolidation: 2 times tables, square numbers and 5 times tables	<ul style="list-style-type: none"> <li>9.14 Pupils add fractions with the same numerator</li> <li>9.15 Pupils add fractions with the same denominator using a generalised rule</li> <li>9.16 Pupils subtract fractions with the same denominator</li> <li>9.17 Pupils identify the whole, the number of equal parts and the size of each part as a unit fraction</li> </ul>
10/06/24	Fractions	Consolidation: 2 times tables, square numbers and 5 times tables	<ul style="list-style-type: none"> <li>9.18 Pupils explain that addition and subtraction of fractions are inverse operations</li> <li>9.19 Pupils subtract fractions from a whole by converting the whole to a fraction</li> <li>9.20 Pupils represent a whole as a fraction in different ways and use this to solve problems involving subtraction</li> <li>Consolidation of problem-solving using unit and non-unit fractions (x2 lessons)</li> </ul>
17/06/24	Consolidation	Consolidation: 2 times tables, square numbers and 5 times tables	<ul style="list-style-type: none"> <li>Money adding coins (10p, 2p, 1p and 5p)</li> <li>Reasoning and problem solving (multiplication and division) - 2 lessons</li> <li>Reasoning and problem solving (addition and subtraction) - 2 lessons</li> <li>Comparing and ordering numbers (use of <math>&lt;</math> and <math>&gt;</math>)</li> </ul>
24/06/24	Consolidation	Consolidation: 2 times tables, square numbers and 5 times tables	<ul style="list-style-type: none"> <li>Arithmetic Practice</li> <li>RAG rate NTS Arithmetic paper</li> </ul>

1/07/2024

Assessment

Consolidation: 2  
times tables,  
square numbers  
and 5 times tables

NTS Assessments

- Arithmetic
- Reasoning Paper 1
- Reasoning Paper 2