

Maths

Whole Numbers: Addition and Subtraction

To add and subtract using a range of concrete materials including number lines and number discs to solve comparison problems with numbers to 1 000 000

Whole Numbers: Multiplication and Division

To find multiples, factors and common Factors
To find Prime Numbers and Composite Numbers

To find Square and Cube Numbers

To multiply by 10, 100 and 1000

To multiply 2-Digit and 3-Digit Numbers by a Single Digit

4-Digit Numbers by a Single Digit

2-Digit Number by a 2-Digit Number

3-Digit Number by a 2-Digit Number

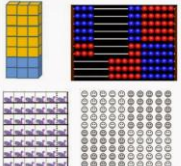
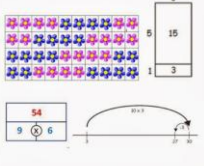
To divide by 10, 100 and 1000

To divide without Remainder

To divide with Remainder

Whole Numbers: Word Problems

To solve multi step word problems using all four calculations.

Students manipulate hands-on, concrete materials	Students draw and observe diagrams, or watch the teacher touching and moving hands-on materials	Numbers and mathematical symbols															
		<table><tr><th colspan="5">x 4 Patterns</th></tr><tr><td>4</td><td>8</td><td>12</td><td>16</td><td>20</td></tr><tr><td>24</td><td>28</td><td>32</td><td>36</td><td>40</td></tr></table> $\begin{array}{r} 8 \times 5 \\ (4 \times 2) \times 5 \\ 4 \times (2 \times 5) \\ 4 \times 10 \\ 40 \end{array}$ $\begin{array}{r} 45 \div 5 \\ (50-5) \div 5 \\ (50 \div 5) - (5 \div 5) \\ 10-1 \\ 9 \end{array}$	x 4 Patterns					4	8	12	16	20	24	28	32	36	40
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Geography – Fairtrade

Pupils will:

locate an area on a world map using globes, Google maps and other mapping software.

Identify land use, economic activity and trade links for food.

Consider climate considerations and explain why particular crops grow in certain areas.

Carry out a food miles study.

Understand the impact of agriculture on climate change.

PSHE

My Relationships and Myself

Pupils will:

recognise emotions in others and consider their responses

be able to describe how mental wellbeing is part of everyday life for everyone

to understand what is meant by mental ill health and strategies used for wellness

Religious Education

Key question: Justice and poverty: does faith make a difference?

Pupils will:

raise questions about charity justice and the impact of religion and beliefs, suggesting answers

begin to explain some differences between two chosen charities

express their own ideas about justice

begin to explain the importance of the idea that God loves justice and is just to Muslims and Christians

Computing Databases

Pupils will:

To understand what a database is.

To design and create a database.

To build queries to find information.

To solve problems using a database.

Year 5 Autumn 2

Music

(including playing the recorder)

Pupils will:

play melodies on tuned percussion following staff notation

understand the differences between semibreves, minims, crotchets and crotchet rests
understand the differences between 2/4, 3/4 and 4/4 time signatures

read and play short rhythmic phrases at sight

Pupils will also have the opportunity to participate in Rock music workshop.