



KNOWLEDGE ORGANISER

| SUBJECT | UNIT OF WORK TITLE | YEAR GROUP/KEY STAGE |
|---|---|--|
| <p>Cross curricular links</p> <p>ICT – Using Mathematics Design Technology – using food to represent fractions</p> <p>or finding fractions of amounts and making links with decimals</p> | <p>Key skills</p> <p>Number</p> <ul style="list-style-type: none"> Reinforce that fractions and decimals are different ways of expressing numbers and proportions Develop knowledge of equivalent fractions Recognise the decimal equivalent to common fractions Find fractions of amounts (e.g. a quarter of 1208m; three fifths of 525g) Use a number line to connect fractions, decimals and whole numbers | <p>Key Vocabulary/definitions</p> <p>Denominator – The denominator is the number below the line in a fraction. For example, in the fraction 3/5, the denominator is 5</p> <p>Numerator – The numerator is the number above the line in a fraction. For example, in the fraction 3/5, the numerator is 3</p> <p>Decimal – A decimal is a way of writing a number that is not whole.</p> |
| <p>Pictures/photos relevant to topic</p> | <p>Time</p> <ul style="list-style-type: none"> Tell and write the time from an analogue to the nearest minute Tell and write the time from a 24-hour digital clock Solve problems converting between different units of measure (hour to minute, minutes to seconds, weeks to days, years to month) | |
| | <p>Key facts</p> <p>https://www.topmarks.co.uk/maths-games/hit-the-button - Hit the Button is a great resource for encouraging children to practise their timetables</p> <p>https://www.topmarks.co.uk/maths-games/mental-maths-train - Mental Maths train helps children practise mental arithmetic</p> <p>https://www.topmarks.co.uk/maths-games/daily10 - Daily 10 is a great resource for quick, daily practise of maths sums</p> | |



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Riverside