

Year 7 Autumn 1

Emerging (Support)

Expected (Core)

Exceeding (Extension)

Year Initial Assessment and setting (First and second week in school)

Properties of Numbers

- Times table (up to 12)
- Order numbers
- Adding and subtracting numbers
- Multiplying and dividing numbers
- Directed numbers.
- Types of numbers
- Problem solving with numbers

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- Types of numbers
- Prime factor decomposition
- Problem solving and numbers.

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Sequences

- Number patterns
- Term-to-term rules
- Non-linear sequences,
- Position-to-term rules
- Sequences from its nth term
- Number patterns from context
- ICT to generate sequences
- Solving unstructured problems

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- Position-to-term rules
- Sequences from its nth term
- Number patterns from context
- ICT to generate sequences
- Finding the nth term
- Functions from patterns
- Solving unstructured problems

Half-Term Assessment (Last Week of the Half-term)

Year 7 Autumn 2

Emerging (Support)

Expected (Core)

Exceeding (Extension)

Angle Properties

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| <ul style="list-style-type: none"> • Types of angles • Estimate and measuring angles. • Drawing angles to scale • Naming lines and angles • Drawing and identifying parallel lines • Drawing and identifying perpendicular lines • Angles at a point • Angles in a triangle • Angles in a quadrilateral | <ul style="list-style-type: none"> • Types of angles • Estimate and measuring angles. • Drawing angles to scale • Naming lines and angles • Drawing and identifying parallel lines • Drawing and identifying perpendicular lines • Angles at a point • Angles in a triangle • Angles in a quadrilateral | <ul style="list-style-type: none"> • Types of angles • Estimate and measuring angles. • Drawing angles to scale • Naming lines and angles • Drawing and identifying parallel lines • Drawing and identifying perpendicular lines • Angles at a point • Angles in a triangle • Angles in a quadrilateral |
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Presentation of Data

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| <ul style="list-style-type: none"> • Kinds of data • Bar charts • Two-way table • Drawing line graphs • Tally charts and pictograms • Dual and multiple bar charts • Solve unstructured problems | <ul style="list-style-type: none"> • Kinds of data • Bar charts • Two-way table • Drawing line graphs • Tally charts and pictograms • Dual and multiple bar charts • Solve unstructured problems | <ul style="list-style-type: none"> • Kinds of data • Bar charts • Two-way table • Drawing line graphs • Tally charts and pictograms • Dual and multiple bar charts • Solve unstructured problems |
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Fractions

- | | | |
|--|---|---|
| <ul style="list-style-type: none"> • What is fraction | <ul style="list-style-type: none"> • What is fraction • Numerator and denominator | <ul style="list-style-type: none"> • What is fraction • Numerator and denominator |
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| | | |
|---|--|--|
| <ul style="list-style-type: none"> • Numerator and denominator • Types of fractions • Parts as a fraction of a whole • Change mixed numbers to top heavy and vice versa • Shading fractions • Equivalent fractions • Fractions, percentages and decimals • Simplifying fractions • Fraction of quantities • Fractions and problem solving | <ul style="list-style-type: none"> • Types of fractions • Parts as a fraction of a whole • Change mixed numbers to top heavy and vice versa • Shading fractions • Equivalent fractions • Fractions, percentages and decimals • Simplifying fractions • Fraction of quantities • Fractions and problem solving | <ul style="list-style-type: none"> • Types of fractions • Parts as a fraction of a whole • Change mixed numbers to top heavy and vice versa • Shading fractions • Equivalent fractions • Fractions, percentages and decimals • Simplifying fractions • Fraction of quantities • Fractions and problem solving |
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Autumn 2 Assessment (Last two weeks before Christmas Holiday)