Jean 6 Australian Curriculum

HASS

History

Australia as a Nation

- Sub Topics:
- Federation
- Democracy
- Migration
- Contribution of individuals

Economics

Sub Topics:

- Trade-Off & Opportunity Cost
- Supply and Demand
- Resources
- Being a Consumer
- Environmental Impact
- Why Businesses Exist
- What Makes a Successful Business Changes to Materials can be

Geography

- Asia (Link with Maths)
- Economics and Demographics
- Cultural Diversity
- Australia's Connections to Asia

Civics and Citizenship

- Our System of Democracy
- Responsibilities of Electors
- Laws & Law Making
- The Rights and Responsibilities of Citizens
- Being an Informed Global Citizen

Science

Physical Sciences

- Light
- Electricity
- Circuits
- Conductors and Insulators
- Switches and Globes
- Renewable Energy Sources

Earth Sciences

Sudden Geological Changes

- Earthquakes
- Tsunamis
- Volcanoes

Chemical Sciences

Reversible and Non-Reversible

- Mixing Materials
- Solubility
- Heating and Cooling
- Rusting Burning & Cooking
- Recycling
- Melting, Freezing Evaporating

Biological Sciences

Environmental Impact on Survival

- Impact on Plants
- Fungi/Yeast Micro-Organisms
- Organisms in Extreme
- Environments eq Antarctica
- Migration and Hibernation

Moths

Whole Numbers

- Place Value Big Numbers
- Addition & Subtraction
- Multiplication & Division
- Two Step Problem Solving
- Number Lines
- Rounding and Estimating Numbers

Number Properties

- Addition & Subtraction
- Multiplication & Division
- Index Notation
- Order of Operations (BEDMAS)
- Square & Triangular Numbers
- Prime and Composite Numbers
- Rules of Divisibility
- Factors

+/- Numbers

- Positive and Negative Numbers
- Opposites
- Number Lines
- Understanding Combined Effect
- Addition/Subtraction

Fractions

- Fractions
- Understanding Fractions as Division
- Proper/Improper Fractions
- Fractions of Quantities
- Number line
- Equivalent Fractions
- Comparing and Ordering Fractions
- Adding and Subtracting Fractions

Decimals

- Decimal Numbers Place Value
- Decimals on Number Lines
- Rounding
- Converting Decimals and Fractions
- Addition and Subtraction Of Decimals

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- Multiplying and Dividing by Powers of 10
- Multiplying and Dividing by a whole #

- Calculating Percentages of Quantities

- Finding the rule and describing formula of

Percentages

- Percentages
- Percentages and Fractions - Percentages and Decimals

- Quantities as percentages

Sequences & Algebra

- Number Sequences

- Fraction Sequences

- Decimal Sequences

- Algebraic thinking

- Identifying Points and Lines

- Using a protractor/Measuring Angles

- Drawing & Constructing Solids

- Angles - Types of angles

Lines & Angles

- Opposite angles

Shape

- Polygons

- Triangles

- Solids

- Quadrilaterals

Measurement

- Area of a rectangle

- Metric Units

- Lenath

- Area

- Volume

- Capacity

- Mass

- Perimeter

- Patterns

patterns



Time

- Time Lines (link with History)
- Units of Time
- Calculating with time Timetables
- 24 Hour Time

Probability

- Describing Probability vocabulary
- Assigning Value to Probabilities
- Expressing Possible Outcomes
- Calculating Probabilities

Statistics

- Types of Data
- Displaying Data
- Comparing Data
- Interpreting Data
- Calculating Mean or Average

Location & Position

- Using Map References
- Finding Points on a map
- Coordinates/Positive and Negative Coordinates
- Using and drawing to scale
- Direction

Transformations

- Reflections/Flip
- Translations/Slide
- Rotations/Turns