

Year 5 Australian Curriculum

HASS

History

Colonial Australia

Sub Topics:

- Convicts and Colonists
- Gold Rush
- Ned Kelly
- Explorers

Economics

Economics

Sub Topics:

- Wants and Needs
- Scarcity
- Resources
- Being a Consumer
- Budgeting (Maths)

Geography Unit

- Bushfires/Floods
- Europe/Nth America (link with maths)
- Environmental Impact
- Managing the Environment

Civics and Citizenship

- Democracy
- Voting
- Laws & Law Making
- Being a Citizen

Science

Physical Sciences

Light

- Path of light rays (link with maths)
- Shadows (link with Art)
- Classify translucent, opaque etc
- Light's impact on colour
- Mirror Mirror (link with maths)
- Refraction

Earth Sciences

Solar System

- Identifying Planets
- Orbit of the sun for each planet
- Modeling the solar system - scale
- Sun = Energy for the Earth

Chemical Sciences

Solids, Liquids & Gases

- Evaporation - collecting water
- Effects of temperature
- Mass and Gas
- Observation skills and findings

Biological Sciences

Adaption

- Native and Introduced Species
- Nocturnal Behaviour
- Adaption of Living Things in the Australian Environment

Maths

Whole Numbers

- Place Value
- Rounding Numbers
- Addition & Subtraction
- Multiplication & Division
- Factors

Money

- Counting Money
- Adding/Subtracting Money
- Rounding & Estimating
- Multiplying & Dividing with Money
- Calculating Mixed Money Problems
- Using a calculator with money
- Budgeting (link with Economics/Christmas)

Fractions

- Ways to show fractions
- Fractions on a number line
- Equivalent Fractions
- Ordering & Comparing Fractions
- Adding and Subtracting Fractions
- Proper and Improper Fractions

Decimals

- Place Value - Decimal Numbers
- Decimals on a Number Line
- Ordering & Comparing Decimals
- Adding & Subtracting Decimals
- Multiplying & Dividing by 10
- Multiplying & Dividing by a whole #
- Working with a calculator

Sequences/Algebra

- Number Sequences
- Finding and describing a rule for a sequence
- Sequencing fractions & Decimals

Lines & Angles

- Angles
- Measuring Angles/Using a Protractor
- Drawing Angles
- Lines
- Parallel Lines

Shape

- Polygons
- Triangles
- Quadrilaterals
- Regular Polygons
- Circles
- Solids
- Drawing & Constructing Solids

Measurement

- Metric Units
- Length
- Perimeter
- Area
- Volume
- Capacity
- 2D/3D Shapes
- Temperature
- Mass

Time

- Analogue & Digital Time
- Units of Time
- Calculating Time - Timetables
- 24 Hour Time
- Time Zones (link to Geography)

Probability

- Chance
- Data
- Describing Probability & Possible Outcomes
- Calculating Probability

Statistics

- Types Data
- Displaying Data
- Data Collection Methods
- Numerical Data

Location & Position

- Position
- Using Map References
- Finding Points On a Map
- Compass Points
- Using scale on a map

Transformations

- Reflections/Flips
- Symmetry
- Translations/Slides
- Rotations/Turns
- Enlarging and Reducing/Scale