

ENGLISH Unit 7

Persuading through motivational speeches

In this unit, students will examine text structures and language features of persuasive speeches. Stories about people's experiences are read to examine the language used to develop empathy for the events, issues and characters. These issues may provide contexts to promote speeches that motivate change. Students will deliver a persuasive speech to promote a point of view of an issue derived from the texts. Students will also contribute to an online discussion, writing posts and responses to texts they have explored in class.

ENGLISH Unit 8

Exploring literary texts by the same author

In this unit, students listen to and read novels by the same author to identify language choices and author strategies used to influence the reader. They will compare two novels by the same author to identify aspects of author style. Students will prepare a response analysing author style in the novel, and participate in a panel discussion.

MATHS UNIT 4

Year 6

- Chance - conduct chance experiments, record data in a frequency table, calculate relative frequency, write probability as a fraction, decimal or percent, explore the effect of large trials on results, compare observed and expected frequencies
- Data representation and interpretation - compare primary and secondary data, source secondary data, explore data displays in the media, identify how displays can be misleading, problem solve and reason by manipulating secondary data
- Patterns and algebra & Number and place value - represent number patterns in a table and graphically, write a rule to describe a pattern, apply the rule to find the value of unknown terms, solve integer problems, plot coordinates in all four quadrants, solve problems using the order of operations, solve multiplication and division problems using written algorithm
- Data representation and interpretation & Using units of measurement - convert between units of measure, interpret data and data displays, problem solve and reason to solve an inquiry question
- Fractions and decimals & Money and financial mathematics - add, subtract and multiply decimals, divide decimals by whole numbers, calculate a fraction of a quantity and percentage discount, compare and evaluate shopping options
- Geometric reasoning - measure angles, apply generalisations about angles on a straight line, angles at a point and vertically opposite angles and apply in real-life contexts Location and transformation - apply translations, reflections and rotations to create symmetrical shapes.

Year 7

- Linear and non-linear relationships - construct, interpret and analyse graphs including time graphs
- Using units of measurement - calculate area of composite shapes including triangles, rectangles and parallelograms, calculate volumes of rectangular prisms
- Chance - construct sample spaces, assign probabilities to events, determine probabilities of events
- Data representation and interpretation - compare and analyse a range of data displays, locate and analyse primary and secondary sources of data to investigate issues and construct graphs, calculate mean, median and mode of sets of data, identify the most appropriate measure for sets of data, solve a problem using digital technology and an understanding of statistics
- Location and transformation - identify line and rotational symmetry and the use of symmetry in tessellations
- Real numbers - add, subtract and multiply fractions with unrelated denominators, apply order of operations to problems involving fractions, calculate ratios using gears and scale factors.

Term 4 Curriculum Overview – Grade Six/Seven

Quote for Term 4

“Tell me and I forget. Teach me and I remember. Involve me and I learn.” – Benjamin Franklin.

Classroom Expectations

Respect the right for students to learn.

Respect the right for teachers to teach.

Respect the right for all to be safe.

GEOGRAPHY UNIT 2 (Continued) Exploring connections between people, places and environments

For Year 6:

- *What are Australia's global connections between people and places?
- *How do people's connections to places affect their perception of them?

For Year 7:

- *How do people's reliance on places and environments influence their perception of them?
- *What effect does the uneven distribution of resources and services have on the lives of people?
- *What approaches can be used to improve the availability of resources and access to services?

The content provides opportunities to develop the following concepts for geographical understandings: place, environment, interconnections and change.

In this unit, students:

- investigate the nature, impact and influence of natural hazards on a local, state, national and international scale
- explore responses to natural hazards and what these reveal about interconnections between people, places and environments
- investigate how significant events (natural hazards) connect people and places throughout the world
- describe interconnections between people, places and environments
- identify the influences of interconnections on places and people



HISTORY UNIT 2 (Continued)– Investigating the diversity of people in Australia and other societies

- Who were the people who came to Australia? Why did they come?
- What contribution have significant individuals and groups made to the development of Australian society?

In this unit, students:

- locate information in sources to discover stories of groups of people who migrated to Australia and the reasons they migrated
- investigate the contributions of individuals and groups to the development of Australian society, including Aboriginal peoples, Torres Strait Islander peoples and migrants

HISTORY UNIT 3

Investigating the Ancient Past

In this depth study students will investigate the following question:

How do we know about the ancient past?

This unit seeks to identify the tools, techniques and methods used by historians and archaeologists to investigate history, and the range and nature of sources that can be utilised in a historical investigation. It investigates a historical mystery from Ancient Australia that has challenged historians and archaeologists, and examines the importance of and controversies surrounding the conserving of past remains.

SCIENCE – UNIT 4

Energy and forces

- Identifying forces
- Exploring balanced and unbalanced forces (additional Year 7 lesson)

Light and electricity

- Exploring how light travels
- Investigating simple circuits
- Exploring gravity (additional Year 7 lesson)
- Exploring simple circuits

Energy and electricity

- Reviewing energy forms
- Exploring friction (additional Year 7 lesson)
- Exploring energy sources
- Exploring air resistance (additional Year 7 lesson)
- Investigating conductors and insulators
- Investigating electrical safety
- Exploring simple machines (additional Year 7 lesson)

Reflection of light

- Exploring reflection
- Periscope construction and investigation - 2 lessons
- Reviewing forces (additional Year 7 lesson)
- Exploring colour