



Maths

YEAR 7 – Mr McKeiver

During this term students will develop an understanding of:

- Decimal and fraction multiplication & division
- various types of angles and related angles
- Corresponding, co-interior and alternate angles
- Corresponding, Co-interior and alternate angles
- Angle sum and properties of triangles
- Translations & reflections

Problem solving activities will focus on students' using the SEE, PLAN, DO, CHECK scaffolding.

YEAR 8 – Mr McKeiver

During this term students will develop an understanding of:

- Using rates and ratios to solve problems
- Using variables to represent unknown amounts
- Simplifying algebraic expressions
- Time & Duration calculations
- Congruence of triangles and quadrilaterals
- Theoretical probability

Problem solving activities will focus on students' using the SEE, PLAN, DO, CHECK scaffolding.

Year 7 English – Ms Yip

Novel study (fiction) – The Black Snake

In this novel study students will, prior to reading the novel, discover and learn about convicts in Australia and the shaping of the colony by explorers, pastoralists, and individuals. When reading the novel, they will study the life of Ned Kelly by reading his biography (Black Snake by Carole Wilkinson), learn new words and build on their vocabulary. In literature circles, they will discuss purpose of the story and look at social issues. After reading the novel, they will use appropriate metalanguage and reflecting on the viewpoint of others, form their own opinion of the main character and other key players/groups in the story.

Health – Ms Yip

Unit: Supporting Others

This term, students recognise that they are becoming independent and explore risk-taking behaviours, rules, rights and responsibilities as they grow up. They explore respectful relationships with peers and how to conduct these relationships in life and online. They explore bullying, its effect on adolescents and seeking help.

Year 8 English – Ms Yip

Unit: Informative/Recount texts.

Students will develop their understanding of informative texts with a focus on recount. They will discuss the elements of the texts so that they inform audiences through choice of language, structure, and images.

Students will analyse and discuss a range of informative media texts and identify the use and effect of language and textual features. They will create a range of texts (including a news report) suitable for a newspaper for their peer group. They will work in a group to create a multimodal news story.

Skills (Examination prep)

1. Language Skills

Grammar, Punctuation, Spelling & Vocabulary

Units 6 - 10 (Essential English Skills)

2. Literacy Skills, Library Skills, Dictation & Spelling skills

Reading & Comprehension

Units 16 - 23 (Essential English Skills)

Technology

Year 7 - Workshop – Mr Collins

This term, Year 7 students will design and make a storage box for pencils, stationary or other small items. Through this, students develop an understanding of workshop safety, natural and man-made wood products and also a range of tools, equipment and processes used to work with wood. Students will also finish their product to a high standard.

Students will:

- be given a set amount of material to design can be constructed a wooden storage box
- draw plans for their final design
- utilize various materials and hand tools and machines to manufacture a wooden box
- sand and finish the final product to an appropriate standard
- submit a folio of work including an individual evaluation

Year 8 – Textiles – Ms. E. Jason

In this unit of Textiles students will sew a tote bag. In sewing the tote bag, students will apply their knowledge of how the backstitch, zigzag stitch and French seam are done. They will gain knowledge of the different sewing tools and their function in sewing the tote bag.

Students will:

- measure the fabric and cut out the pieces as required for sewing a tote bag; 2 pieces front and back, 1 piece pocket and 2 pieces for the strap.
- use measurement in inches for the different parts of the tote bag.
- use an electric sewing machine to sew the tote bag.
- trim loose threads of the final product, if necessary, iron out the tote bag.

Music – Mr Neale

In this unit, students will compose a popular song melody with a rhythmic and chordal accompaniment. They will continue examining musical elements and apply this knowledge in their compositions. Students will resume their study of guitar and ukulele, along with basic piano.

HASS – Mrs Laien

Environment and Resources & Geography Skills

This term, students will learn about the natural environment, their elements, their processes, and geography skills involved. Students will explore human environments and how man influence and change the natural environment. They will also look at the impacts of resource use, sustainable practises, and hazardous natural events in PNG.

Making A Living – Mrs Laien

Better Living

This term, students will understand that there a different method of preparing food. They will also discover that they can generate income from selling food to satisfy the customers' needs and making a profit. Students will identify integrating projects which improve societies and communities.

Students will:

- Examine the ways to produce and prepare food for personal consumption or to generate income
- Compare goods and services provided by a range of organisations and make informed decisions about those that best meets their needs
- Students will design and make a thread and nail project for home décor

Arts – Mrs Laien

Drama

This term, stds will improvise drama and its true meaning. The stds will also be acting by playing roles of scripts and they will learn to memorize parts and confidently present in front of an audience. They will also explore the techniques required to master a performance on stage in front of an audience.

Students will:

- discover the situations play a major part in drama
- Act out real life situations in life and work together.
- Understand that an evaluation of a performances is important to understand their own strength and weaknesses

Guidance & Skills – Mrs Laien

During Semester 2, students will review their previous goals as well as Semester 1 self-reflections and create achievable goals for this semester. They will discuss and construct ways of achieving their goals, including a realistic and workable study timetable. Working towards achieving their goals will be a regular process as they work on a weekly self-reflection and evaluation.

Science – Mrs Laien**Organising organisms**

This term, students will classify organisms based on their physical characteristics. They apply scientific conventions to construct and use dichotomous keys to assist and describe classification. Students analyze the effectiveness of dichotomous keys and suggest improvements. They explore how improvements in microscope technology led to changes in classification systems. Students consider how and why classification systems are used in a variety of occupations. They explore feeding relationships between organisms in an environment using food chains and food webs and construct representations of these relationships using second-hand data.

Key Learning Experiences:

Teaching and learning focuses on:

- Interactions between organisms can be described in terms of food chains and food webs; human activity can affect these interactions
- There are differences within and between groups of organisms; classification helps organize this diversity

Physical Education – Mr Collins

This term in PE students will engage in a range of swimming and water safety activities, through these students develop their skills in swimming strokes, survival skills and strategies in order to apply these in a variety of situations.

Students will:

- examine appropriate safety skills and techniques in the aquatic environment
- become water aware and water safe in various aquatic environments
- learn swimming strokes and develop stroke technique
- learn age-appropriate water survival sequences
- practice and refine swimming components and stroke sequences