

**Mathematics****YEAR 6****NUMBER AND ALGEBRA****Fractions and Decimals – FRACTIONS, DECIMALS and PERCENTAGES**

- Revise equivalent fractions, mixed numbers and improper fractions
- Revise relationships between decimal and common fractions and percentages
- Multiply and divide fractions and decimals
- Money and rate (best buy)
- Express one quantity as a fraction or percentage of another
- Find percentages of quantities
- Solve a range of percentage problems

MEASUREMENT AND GEOMETRY - VOLUME

- Revise prisms and pyramids; faces, edges, vertices, cross-sections
- Draw different views of prisms and solids formed from combinations of prisms e.g. aerial views
- Calculate the volume of rectangular prisms

MEASUREMENT AND GEOMETRY**Location and transformation –**

- Understand translations, reflections and rotations, including rotational symmetry
- Describe the movement of a shape
- Create patterns using flips, slides and turns
- Discuss and create enlargements and reductions
- Investigate translation, symmetry, reflection, rotation and coordinates on the Cartesian plane

STATISTICS AND PROBABILITY - CHANCE

- Distinguish between equally likely outcomes and outcomes that are not equally likely
- Discuss the meaning of probability terminology and using it appropriately e.g. sample space, favourable outcomes, trial etc.
- Express probabilities in common and decimal fractional and percentage forms

Assessment:

Students' workbooks will be marked throughout the term. At the end of the term, students will sit two exams – one for Understanding and Fluency and one for Problem Solving and Reasoning.

English ~ Unit focus: Media Texts

Students will analyse a wide variety of print and online media texts. They will investigate structure, purpose and biases involved in such texts. Students will then create a magazine article on what to do around Brisbane for assessment.

Assessment:

Magazine article on What to do around Brisbane.

Class proofreading checklist used to remove repetition, refine ideas, reorder sentences and add or substitute words for impact.

PAT Comprehension

Mathematics**YEAR 7****NUMBER AND ALGEBRA****Fractions and Decimals – FRACTIONS, DECIMALS and PERCENTAGES****Money and financial mathematics**

- Revise equivalent fractions, mixed numbers and improper fractions
- Investigate fractions, decimals and percentage (equivalence and relationships)
- Multiply decimals by whole numbers and perform divisions with terminating decimals
- Calculate percentages and percentage discounts
- Find percentages of quantities with and without a calculator
- Solve a range of percentage problems

MEASUREMENT AND GEOMETRY**Using units of measurement/Shape – VOLUME**

- Construct simple prisms and pyramids
- Identify faces, edges, vertices and cross-sections
- Connect volume and capacity and their units of measurement

MEASUREMENT AND GEOMETRY**Location and transformation –**

- Understand translations, reflections and rotations
- Describe the movement of a shape
- Create patterns and describe the effects of transformations using flips, slides and turns
- Investigate translation, symmetry, reflection, rotation and coordinates on the Cartesian plane

STATISTICS AND PROBABILITY**Chance – CHANCE**

- Discuss the meaning of probability terminology and using it appropriately
- Describe probability (using fractions, decimals and percentage)
- Conduct chance experiments (observed and expected frequency).
- Compare observed frequencies across experiments with expected frequencies

Assessment:

Students' workbooks will be marked throughout the term. At the end of the term, students will sit two exams – one for Understanding and Fluency and one for Problem Solving and Reasoning.

Spelling: 'Sound Waves Program'- focus:

- Word origins, base words, suffixes and prefixes, morphemes, spelling patterns and generalisations to learn and spell new words.
- Spelling rules and word origins, base words, suffixes, prefixes, spelling patterns and generalisations

Assessment:

Pre-tested on Mondays and post-tested on Fridays using Soundwaves.

Reading Groups Wk. 1-10

- Guided Reading in small groups with a focus on text analysis of various titles from 'Springboard into Comprehension' e.g. Figurative Language. Group and independent reading.

Physical Education: Miss Collins**Students will:**

- become water aware and water safe in various aquatic environments
- learn swimming strokes and develop stroke technique
- learn age appropriate water survival sequences

Students must bring swimwear, towels and thongs for PE days for Term 3.

Health: Miss Thomas: Wednesdays 11:45 – 12:45**You Can Do It! – Persistence**

In this unit, the students will refresh their understanding of what it means to be persistent. They will learn strategies to work through challenging activities, or activities they don't find enjoyable. The students will also look at how successful people show persistence. There will be a focus on learning to be proactive to get things done efficiently, and on avoiding the procrastination that can accompany tough tasks.

Science: Mrs Thomas: Moving right along (Physical Sciences)

During this term students will explore and investigate forces, including friction, air resistance, upthrust and weight, and how they can change the motion of an object. They will investigate situations in which forces are balanced or unbalanced. They will consider the impact of friction on moving objects and appreciate the role of forces in their everyday lives. Using this knowledge, students will have the opportunity to design and conduct fair tests in which friction is involved, culminating in a presentation of their findings to the class.

Music: Mr Neale

One of the major focuses for this term will be learning and creating music to be performed at Show Night. This will involve guitar studies, voice development and performance practice. There will also be a focus on musical elements using a range of instruments and rhythmic compositions. Students will have the opportunity to produce their own music. An example of this involves recreating a traditional song as a rap. This will be an exciting term and fun for all!

HASS: Ms Langusch**History: Ancient civilisations**

Students will complete an introductory unit of an overview of the ancient world. They will complete a research task to investigate a history mystery and then complete a depth study on Ancient China. In this depth study, students will investigate the features of ancient China as a major Asian civilisation and study how these features have shaped and impacted the modern Chinese nation, the Asian region and the world.

The key inquiry questions for the unit are:

- How do we know about the ancient past?
- Why and where did the earliest societies develop?
- What emerged as the defining characteristics of ancient societies?
- What have been the legacies of ancient societies?

The Arts: Mrs Neale

In Term 3, students will be completing a range of projects in order to prepare for Show Night in Term 4. We are creating visual art, drama, dance and media pieces to showcase some of the great artistic talent of today and the past. The students will work to develop their performance skills and confidence via participation, observations and reflection of themselves and others. It will be an action filled term where students' ideas and creativity will blossom.

Design Technology

This term in Technology, the students will be designing a "Senior Leaders" shirt that could be worn by the Year 7's. They will look at what makes a good design. Each student will submit a design for assessment.

Tok Pisin: Mrs Kelele

Students will analyse routines, habits and procedures of certain crafts and artefacts of PNG used in ancient years.