



THE GAP STATE SCHOOL CURRICULUM OVERVIEW Year 5 Term 3 2025



Science - *Specialist Teacher*

Now You See It

In this unit, students will:

- investigate the properties of light and the formation of shadows
- investigate reflection angles, how refraction affects our perceptions of an object's location, how filters absorb light and affect how we perceive the colour of objects and the relationship between light source distance and shadow height
- plan investigations including posing questions, making predictions, and following and developing methods
- analyse and represent data and communicate findings using a range of text types, including reports and labelled and ray diagrams
- explore the role of light in everyday objects and devices and consider how improved technology has changed devices and affected peoples' lives.

Languages Other Than English Chinese *Specialist Teacher*

In this unit students will explore imaginary and real characters, including people and animals describing character type and physical appearance of real and imaginary characters.

English

Exploring narrative through a novel study

Through a novel study, students will explore themes of interpersonal relationships in imagined settings. They will read, view and comprehend a selected novel which includes complex sequences of events and a range of characters. Students will create, edit and publish a written imaginative text, using typical stages and language features of narrative text.

Spelling

- Spelling Mastery
- Australian Curriculum

Handwriting

- Consolidation

Health and Physical Education Physical Education *Specialist Teacher*

In this unit, students will refine their fundamental balls skills of catching and throwing; under arm, over arm, one handed shoulder pass and chest passing. They will use these skills to apply strategies for working co-operatively, and apply rules fairly in various modified ball sports.

Social Skills Program You Can Do It:

Organise, Confidence,
Persistence, Resilience,
Getting Along.

Mathematics

In this unit, students develop an understanding of:

Number and Place Value - round and estimate to check an answer is reasonable, use written strategies to add and subtract, use an array to multiply one-digit and two-digit numbers, use divisibility rules to divide, solve problems involving computation and apply computation to money problems, add and subtract using mental and written strategies including the right-to-left strategy, multiply whole numbers and divide by a one-digit whole number with and without remainders.

Fractions and Decimals - make connections between fractions and decimals, compare and order decimals.

Money and Financial Mathematics - investigate income and expenditure, calculate costs, investigate savings and spending plans, develop and explain simple financial plans.

Patterns and Algebra - create, continue and identify the rule for patterns involving the addition and subtraction of fractions; use number sentences to find unknown quantities involving multiplication and division.

Using Units of Measurement - choose appropriate units for length, area, capacity and mass; measure length, area, capacity and mass; problem-solve and reason when applying measurement to answer a question.

Location and Transformation - explore mapping conventions, interpret simple maps, use alphanumeric grids to locate landmarks and plot points, describe symmetry, create symmetrical designs and enlarge shapes.

Technologies – Design Technology

In this unit students will investigate characteristics and properties of a range of materials, systems, components, tools and equipment, and evaluate their suitability for use. They will design a product to meet an identified need.

Humanities and Social Sciences

Participating in Australian Communities

In this unit, students will explore the key inquiry question: *How have people enacted their values and perceptions about their community, other people and places, past and present?*

They will:

- investigate the key values of Australia's liberal democratic system of government, particularly the values of freedom, equality, fairness and justice
- explore representative democracy and voting processes in Australia
- investigate how students enact democratic values and processes through participating in school elections
- generate alternative responses to a democratic issue and propose action by describing the positive and negative effects
- present ideas about proposed actions in response to a democratic issue.

The Arts Music *Specialist Teacher*

In this unit, students learn to sing, move, create and play classroom percussion and the ukulele. Students will perform, read and write music containing a range of rhythmic elements in simple metre and start to work in compound metre. Melodically, they will predominantly work within the pentatonic scale, with a repertoire broadening into other scale forms.