

Year 4 - Semester 2

Learning area	Unit Summary	
English	Rowan of Rin Students will write a persuasive letter. They will write a persuasive letter to the people of Starburstia convincing them that Rowan is their best chance to successfully lead the quest and save the village.	Survival of an Endangered Species Students will investigate the impact we have on the environment and what our role is in maintaining the survival of an endangered species.
Mathematics	Students will be involved in learning the following mathematical concepts: <ul style="list-style-type: none"> • Number and place value — interpret number representations; sequence number values; apply number concepts and place value understanding to the calculation of addition, subtraction, multiplication and division; develop fluency with multiplication fact families, apply mental and written computation strategies, recall multiplication and division facts and apply place value to partition and regroup numbers to assist calculations • Fractions and decimals — partition to create fraction families; identify, model and represent equivalent fractions; count by fractions; solve simple calculations involving fractions with like denominators, model and represent tenths and hundredths, make links between fractions and decimals, count by decimals, compare and sequence decimals • Money and financial mathematics — represent, calculate and round amounts of money required for purchases and change • Patterns and algebra — use equivalent addition and subtraction number sentences to find unknown quantities 	Students will be involved in learning the following mathematical concepts: <ul style="list-style-type: none"> • Number and place value — calculate addition and subtraction using a range of mental and written strategies, recall multiplication and related division facts, calculate multiplication and division using a range of mental and written strategies, solve problems involving the four operations, use estimation and rounding, apply mental strategies, add, subtract, multiply and divide two- and three-digit numbers • Fractions and decimals — count and identify equivalent fractions, locate fractions on a number line, read and write decimals, identify fractions and corresponding decimals, compare and order decimals (to hundredths) • Money and financial mathematics — calculate change to the nearest five cents, solve problems involving purchases • Patterns and algebra — use equivalent multiplication and division number sentences to find unknown quantities • Using units of measurement — use am and pm notation, solve simple time problems • Shape — measure area of shapes, compare the areas of regular and irregular shapes by informal means
Science	Earth and Space and Biological Science Students will examine relationships between living things and their dependence on the environment. By considering human and natural changes to the habitats, students will predict the effect of these changes on a particular animal. Students will describe situations where science understanding can influence their own and others' actions.	
HASS	Geography - Survival of an Endangered Species Students will conduct an inquiry about an endangered animal from either Africa or South America. Throughout this unit students will examine the following inquiry questions: <ul style="list-style-type: none"> • What products do I use that have an impact on the environment? What are these impacts? Can I make any changes to these impacts? How? • How can we protect animals in their natural environment? • How does the environment support the lives of people and other living things? 	
HPE	Physical Education: Students will practice fundamental movement skills and movement sequences using different body parts. They will participate in games with and without equipment. <hr/> Health: Students will engage in a range of tasks related to cyber safety, wellbeing and growth mindset, healthy food and lifestyle choices and growing and changing.	
Technologies	Design Technology Students apply an understanding of the properties of materials and design a solution to protect an egg from breaking when it is dropped from a height.	
The Arts	Drama - Freeze Frames Students will explore the craft of drama through freeze frames. They will explore drama elements and actions (including posture, gesture and body position) facial expression, levels, focus, role and relationship to other characters. Students will create an entertaining freeze frame that clearly represents a scene and the emotions associated with it. <hr/> Music: Students will develop their aural skills by exploring and imitating sounds, pitch and rhythm patterns using voice, movement and body percussion. They will be engaged in singing and playing untuned percussion instruments to improvise and practise a repertoire of chants, songs and rhymes.	