

Yarragon Primary School – Inquiry Curriculum Design

Our School Vision: Confident, Caring, Respectful Learners

Throughlines

Term 1	Term 2	Term 3	Term 4
“Who are We?” Knowing and understanding ourselves as individuals and as members of groups. Understanding behaviours that promote positive and productive relationships and learning.	“Where Have We Come From?” Knowing about and understanding our individual and collective histories, and the impact these have on our lives today. Understanding that history is created every day	“Where Do We Live?” Knowing and understanding that our planet sustains life and is made up of finite resources, and that our individual and collective choices impact on the planet.	“Where are We Going?” Knowing and understanding that Yarragon is one place that forms part of a larger world, and that locations are unique to their people and cultures.

Vic-Curriculum

	Personal and Social Capacity Cross Curriculum Priority – Aboriginal and Torres Strait Islander Histories and Cultures.		Humanities – History & Geography Cross Curriculum Priority – Aboriginal and Torres Strait Islander Histories and Cultures.		Science (Physical & Chemical) Cross Curriculum Priority – Sustainability/Resources		Technologies – Design and Technology Digital Technologies Sustainability/Resources Asia and Australia’s Engagement with Asia.	
Y	Odd	Even	Odd	Even	Odd (P)	Even (C)	Odd	Even
F	Inquiry: My story, your story, our story Big Idea/Concepts: Wellbeing, Individual potential, Diversity, Communication, Behaviour Essential Question: What makes me unique? Driving Questions:	Inquiry: Me at School Big Idea/Concepts: Development, Feelings and Emotions, Transitions, Systems, Personal safety Essential Question: What is my role as a member of this school? Driving Questions: What are the rules at school?	Inquiry: My Family, My Place, My Culture Big Idea/Concepts: Culture, Relationships, Similarities and Differences Essential Question: Where does my family come from? Driving Questions: Who is in my family?	Inquiry: Back to the Future Big Idea/Concepts: Change, Time, Changing lifestyles, Tradition, Creativity Essential Question: What are my family’s stories? Driving Questions: How are things different now?	Inquiry: A Toy Story Big Idea/Concepts: Push and Pull, size, shape, movement. Essential Question: How do objects move? Driving Questions:	Inquiry: Recycling Resources – Lets Make a Toy! Big Idea/Concepts: Observable properties – colour, texture, flexibility. Clothing (traditional), buildings/shelters for environments, toys (materials), recycle. Essential Question: How can we used recycled materials to make new toys? Driving Questions: How do you change or combine materials to make new things?	Inquiry: Food for Life Big Idea/Concepts: Plants, animals, healthy eating, clothing, shelter, creating a healthy garden, design and technologies. Essential Question: What do we need to grow? Driving Questions: Where do we get our food from? Where do we get our clothes from? What is healthy eating? How can I be healthy?	Inquiry: Fun on the Farm Big Idea/Concepts: Choice, Life and Living, Location, Invention and Design, Ecological sustainability Essential Question: Why do we have farms? Driving Questions: Do we need farms? Are there diverse types of farms?

1	Inquiry: My story, your story, our story Big Idea/Concepts: Individuals and groups Relationships Beliefs and values diversity Essential Question: How can we all work together in harmony? Driving Questions:	Inquiry: Me at School Big Idea/Concepts: Feelings and Emotions Personal safety Similarities and differences Well-being Individual potential Essential Question: How do I keep myself safe in the world and be the best person I can be? Driving Questions:	Inquiry: My Family, My Place, My Culture Big Idea/Concepts: Tradition Location Development Place and space Essential Question: What makes a community unique? How do I fit within a community? Driving Questions:	Inquiry: Back to the Future. Big Idea/Concepts: Time Perception Indigenous peoples Essential Question: How has time changed? Driving Questions:	Inquiry: A Toy Story Big Idea/Concepts: Push and Pull, size, shape, movement. Essential Question: How do objects move? Driving Questions:	Inquiry: Recycling Resources – Lets Make a Toy! Big Idea/Concepts: Observable properties – colour, texture, flexibility. Clothing (traditional), buildings/shelters for environments, toys (materials), recycle. Essential Question: How can we used recycled materials to make new toys? Driving Questions: How do you change or combine materials to make new things?	Inquiry: Food for Life Big Idea/Concepts: Plants, animals, healthy eating, clothing, shelter, creating a healthy garden, design and technologies Essential Question: What do we need to grow? Driving Questions: Where do we get our food? Where do we get our clothes? What is healthy eating? How can I be healthy?	Inquiry: Fun on the Farm Big Idea/Concepts: Choice, Life and Living, Location, Invention and Design, Ecological sustainability Essential Question: Why do we have farms? Driving Questions: Do we need farms? Are there diverse types of farms?
2	Inquiry: My story, your story, our story Big Idea/Concepts: Individuals and groups Relationships Beliefs and values diversity Essential Question: How can we all work together in harmony? Driving Questions:	Inquiry: Me at School Big Idea/Concepts: Beliefs and values Personal safety Similarities and differences Well-being Essential Question: How do I keep myself safe in the world and be the best person I can be? Driving Questions:	Inquiry: My Family, My Place, My Culture Big Idea/Concepts: Tradition, location, Development Place and space, cultures Essential Question: What makes a community unique? How do I fit within a community? Driving Questions:	Inquiry: Back to the Future. Big Idea/Concepts: Time Perception Indigenous peoples Essential Question: How has time changed? Driving Questions:	Inquiry: A Toy Story Big Idea/Concepts: Push and Pull, size, shape, movement, animal movements Essential Question: How do objects move? Driving Questions:	Inquiry: Recycling Resources – Lets Make a Toy! Big Idea/Concepts: Observable properties – colour, texture, flexibility. Clothing (traditional), buildings/shelters for environments, toys (materials), recycle. Essential Question: How can we used recycled materials to make new toys? Driving Questions: How do you change or combine materials to make new things?	Inquiry: Food for Life Big Idea/Concepts: Plants, animals, healthy eating, clothing, shelter, creating a healthy garden, design, and technologies. Essential Question: What do we need to grow? Driving Questions: Where do we get our food? Where do we get our clothes? What is healthy eating? How can I be healthy?	Inquiry: Fun on the Farm Big Idea/Concepts: Choice, Life and Living, Location, Invention and Design, Ecological sustainability Essential Question: Why do we have farms? Driving Questions: Do we need farms? Are there diverse types of farms?
3	Inquiry: Rights and Responsibilities Big Idea/Concepts: Rights and Responsibilities, Roles, rules, and laws, Citizenship – RRRR Framework, SEL, Berry Street Essential Question: Why are rules and laws important? Driving Questions:	Inquiry: Personal, Cultural and Social Identity Big Idea/Concepts: Institutions, Interaction Individual and Groups, Indigenous connections to self. Essential Question: How has my identity been shaped? Driving Questions:	Inquiry: Indigenous Studies Big Idea/Concepts: Tradition, Beliefs and values, Indigenous People Essential Question: Understanding Australian culture. Driving Questions:	Inquiry: Explorers of the World Big Idea/Concepts: Change, Beliefs and values, Survival, Cause and Effect, Experiences and Perspectives Essential Question: Why do great journeys occur? Driving Questions:	Inquiry: May the Force Be With You Big Idea/Concepts: Cause and effect, heat, friction, movement, conduction, temperature, distance Essential Question: How does force affect objects? Driving Questions: What is force?	Inquiry: Solid, Liquid or Gas Big Idea/Concepts: States of Matter, Solid, liquid, gas, heat, material properties Essential Question: How does heat affect the physical properties of materials? Driving Questions:	Inquiry: Sustainable Homes Big Idea/Concepts: Biodiversity, sustainability, materials, tools & equipment, design techniques, safe work practices, environment. Essential Question: How do we create a sustainable and safe environment for living things? Driving Questions: What is around us?	Inquiry: Culture on a Plate Big Idea/Concepts: Food, culture, sustainable produce, preparation techniques, cultural significance of food, tradition in cooking Essential Question: How is food connected to culture? Driving Questions:

							How can we create designs in a sustainable way? Who can help us locally?	
4	Inquiry: Rights and Responsibilities Big Idea/Concepts: Rights and Responsibilities, Roles, rules, and laws, Citizenship – RRRR Framework, SEL, Berry Street Essential Question: Why are rules and laws important? Driving Questions:	Inquiry: Personal, Cultural and Social Identity Big Idea/Concepts: Institutions, Interaction Individual and Groups, Indigenous connections to self. Essential Question: How has my identity been shaped? Driving Questions:	Inquiry: Indigenous Studies Big Idea/Concepts: Tradition, Beliefs and values, Indigenous People Essential Question: Understanding Australian culture. Driving Questions:	Inquiry: Explorers of the World Big Idea/Concepts: Change, Beliefs and values, Survival, Cause and Effect, Experiences and Perspectives Essential Question: Why do great journeys occur? Driving Questions:	Inquiry: May the Force Be With You Big Idea/Concepts: Cause and effect, heat, friction, movement, conduction, temperature, distance Essential Question: How does force affect objects? Driving Questions: What is force?	Inquiry: Solid, Liquid or Gas Big Idea/Concepts: States of Matter, Solid, liquid, gas, heat, material properties Essential Question: How does heat affect the physical properties of materials? Driving Questions:	Inquiry: Sustainable Homes Big Idea/Concepts: Biodiversity, sustainability, materials, tools & equipment, design techniques, safe work practices, environment. Essential Question: How do we create a sustainable and safe environment for living things? Driving Questions: What is around us? How can we create designs in a sustainable way? Who can help us locally?	Inquiry: Culture on a Plate Big Idea/Concepts: Food, culture, sustainable produce, preparation techniques, cultural significance of food, tradition in cooking Essential Question: How is food connected to culture? Driving Questions:
5	Inquiry: Who is in the driver's seat? Big Idea/Concepts: Individual Potential/Beliefs and Values/Wellbeing, RRRR, SEL, Berry Street, Catching on Early Essential Question: What does it mean to be adaptable/confident and persistent? Driving Questions: What emotions have I experienced? What does my body do when I experience different emotions? What skills do I need to work independently?	Inquiry: Inside Out Big Idea/Concepts: Conflict and Cooperation / Similarities and Differences/ Gender Equity/Cultural Equity Essential Question: What is a Respectful Relationship? Driving Questions: How do I react to the words of others? What is discrimination/prejudice/stereotype? Have I been discriminated/prejudice/stereotype against?	Inquiry: For those who have come across the seas... Big Idea/Concepts: Location/Place and Space/Indigenous Peoples/ Human Rights/Traditions Essential Question: Why do people migrate? Driving Questions: How do we feel about colonial migrants? What is the difference between a settler and an immigrant?	Inquiry: ...We've found this place to share Big Idea/Concepts: Citizenship/ Indigenous Peoples/Human Rights/Traditions Essential Question: What is our national identity? Are our symbols still relevant (republic)? Driving Questions: **Urban Camp**	Inquiry: Energy...shadows and light. Big Idea/Concepts: light, shadows, absorption, reflections, refractions, electricity, transferred, transformation, energy, circuits. Essential Question: What is energy? Driving Questions: How are shadows formed? How is light absorbed, reflected, and refracted? How do circuits transfer energy? How is electricity generated? How is energy transformed into a different form?	Inquiry: Can you fix it? Big Idea/Concepts: Change, melting, freezing, evaporating, burning, rusting, reversible, irreversible. Essential Question: Is the change reversible or irreversible? Driving Questions: What does reversible mean? What does irreversible mean? What are irreversible changes? Can reversible changes be used for other things?	Inquiry: M.Y.O.S.B – Mind Your Own Sustainable Business Big Idea/Concepts: Generate, design, and communicate designs ideas, sustainable resources, safety procedures, environment, evaluating success, societal wants vs needs, opportunities. Essential Question: What makes a sustainable business? Driving Questions: What are societal needs? What does it mean to be sustainable? How do you measure success?	Inquiry: We Care for Our Community Big Idea/Concepts: Contributing to society, giving to others, needs, empathy and care, creating designed solutions that consider others needs and resources. Essential Question: What does it mean to show care and compassion for others? Driving Questions: **We care projects • Local hospitals • Animal shelters • Emergency services • Aged Care • Domestic violence

6	Inquiry: Who is in the driver’s seat? Big Idea/Concepts: Individual Potential/Beliefs and Values/Wellbeing, RRRR, SEL, Berry Street, Catching on Early Essential Question: What does it mean to be adaptable/confident and persistent? Driving Questions: How do I face a challenging situation? How can I prepare for challenge? What skills do I need to work independently?	Inquiry: Inside Out Big Idea/Concepts: Conflict and Cooperation / Similarities and Differences/ Gender Equity/ Cultural Equity Essential Question: What is a Respectful Relationship? Driving Questions: How do my words affect others? What is discrimination/prejudice/stereotype? Have I been discriminatory/stereotypical /prejudiced against others?	Inquiry: For those who’ve come across the sea... Big Idea/Concepts: Location/Place and Space/Indigenous Peoples/ Human Rights/Traditions Essential Question: Why do people migrate? Driving Questions: What is the difference between a settler and an immigrant? Should we legislate migration? Is migration a human right?	Inquiry: ...We’ve found this place to share Big Idea/Concepts: Citizenship/ Indigenous Peoples/Human Rights/Traditions Essential Question: What is our national identity? Are our symbols still relevant (republic)? Driving Questions: ** Urban Camp** Parliament Immigration Museum	Inquiry: Energy...shadows and light. Big Idea/Concepts: light, shadows, absorption, reflections, refractions, electricity, transferred, transformation, energy, circuits. Essential Question: What is energy? Driving Questions: How are shadows formed? How is light absorbed, reflected, and refracted? How do circuits transfer energy? How is electricity generated? How is energy transformed into a different form?	Inquiry: Can you fix it? Big Idea/Concepts: Change, melting, freezing, evaporating, burning, rusting, reversible, irreversible. Essential Question: Is the change reversible or irreversible? Driving Questions: What does reversible mean? What does irreversible mean? What are irreversible changes? Can reversible changes be used for other things?	Inquiry: M.Y.O.S.B – Mind Your Own Sustainable Business Big Idea/Concepts: Generate, design, and communicate designs ideas, sustainable resources, safety procedures, environment, evaluating success, societal wants vs needs, opportunities. Essential Question: What makes a sustainable business? Driving Questions: What are societal needs? What does it mean to be sustainable? How do you measure success?	Inquiry: We Care for Our Community Big Idea/Concepts: Contributing to society, giving to others, needs, empathy and care, creating designed solutions that consider others needs and resources. Essential Question: What does it mean to show care and compassion for others? Driving Questions: **We care projects • Local hospitals • Animal shelters • Emergency services • Aged Care • Domestic violence
---	--	---	--	---	---	--	--	--

Yarragon Primary School – Science Curriculum Design

Our School Vision: Confident, Caring, Respectful Learners

	STEM		CLASSROOMS	
	Odd	Even	Odd	Even
Foundation	Earth and Space Sciences	Biological Sciences	<i>Physical Science</i> Inquiry: A Toy Story	<i>Chemical Sciences</i> Inquiry: Recycling Resources – Let’s Make a Toy!
One	Earth and Space Sciences	Biological Sciences	<i>Physical Science</i> Inquiry: A Toy Story	<i>Chemical Sciences</i> Inquiry: Recycling Resources – Let’s Make a Toy!
Two	Earth and Space Sciences	Biological Sciences	<i>Physical Science</i> Inquiry: A Toy Story	<i>Chemical Sciences</i> Inquiry: Recycling Resources – Let’s Make a Toy!
Three	Earth and Space Sciences	Biological Sciences	<i>Physical Science</i> Inquiry: May the Force Be With You	<i>Chemical Sciences</i> Inquiry: Solid, Liquid or Gas
Four	Earth and Space Sciences	Biological Sciences	<i>Physical Science</i> Inquiry: May the Force Be With You	<i>Chemical Sciences</i> Inquiry: Solid, Liquid or Gas
Five	Earth and Space Sciences	Biological Sciences	<i>Physical Science</i> Inquiry: Energy...Shadows and Light	<i>Chemical Sciences</i> Inquiry: Can You Fix It?
Six	Earth and Space Sciences	Biological Sciences	<i>Physical Science</i> Inquiry: Energy...Shadows and Light	<i>Chemical Sciences</i> Inquiry: Can You Fix It?