

VIC 2.0

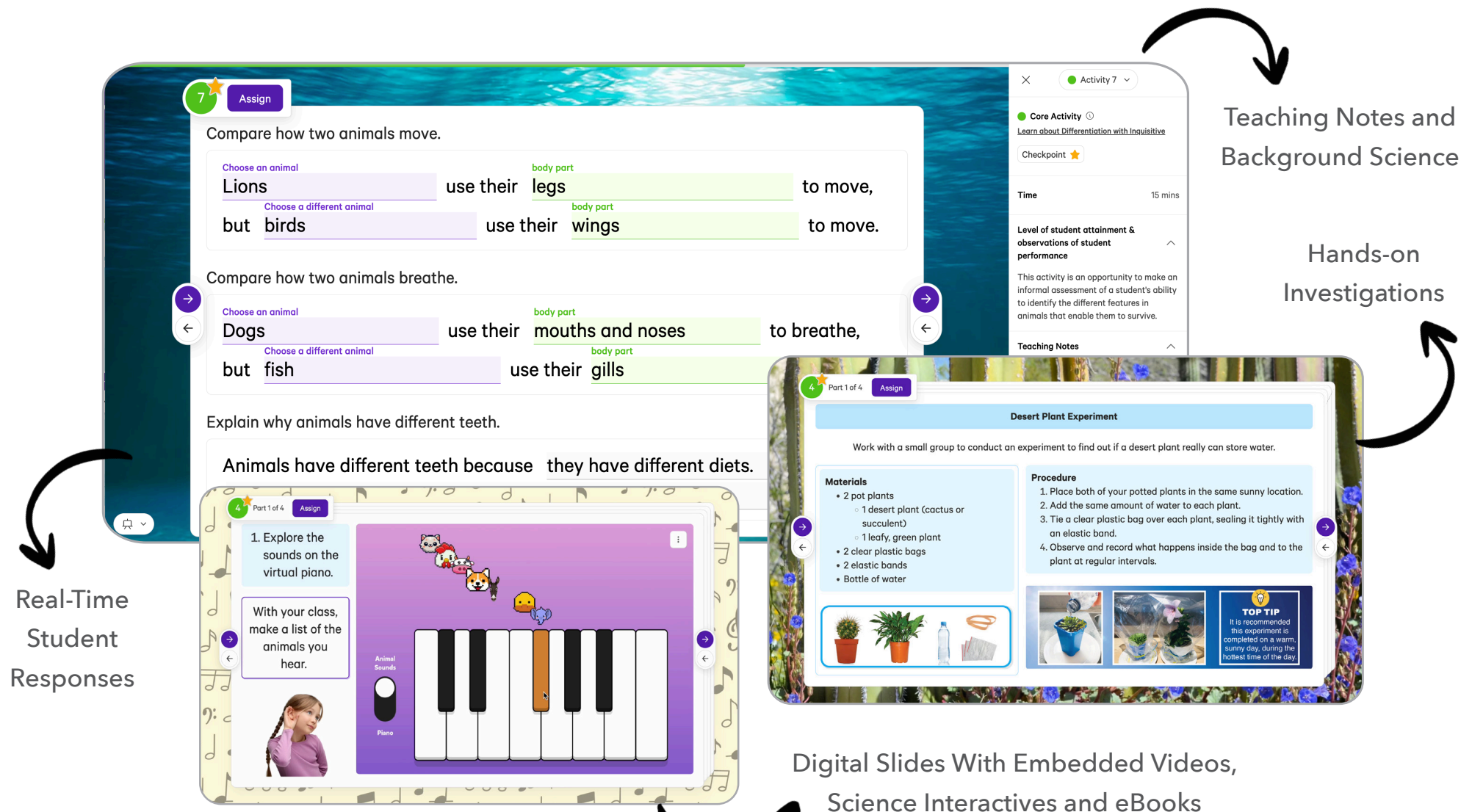
F-6 Science & Technologies

SCOPE AND SEQUENCE



inquisitive

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Capture Real-Time Student Responses



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As a specialist Science teacher, I love to use Inquisitive. The content is presented in an interesting format that makes learning the content fun for the kids and allows them to communicate what they have learnt in a variety of ways.

Lisa, Teacher

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We absolutely LOVE inquisitive and look forward to seeing the new units. In terms of feedback for you, we ADORE the fact that the children can access the slides and write their answers online. It makes it easy to monitor on task behaviour, and gives us an instantly accessible digital record for assessment.

Sharyn, Assistant Principal



TERM 1	TERM 2	TERM 3	TERM 4
Chemical Sciences	Physical Sciences	Biological Sciences	Earth and Space Sciences
What Are Things Made Of? LESSONS 1–4 KEY INQUIRY QUESTION What are some of the observable properties of materials? VIC 2.0 VC2S2U04, VC2S2H01, VC2S2H02, VC2S2I01, VC2S2I02, VC2S2I03, VC2S2I04, VC2S2I05, VC2S2I06	How Things Move LESSONS 1–4 KEY INQUIRY QUESTION Why and how do things move? VIC 2.0 VC2S2U10, VC2S2H01, VC2S2I01, VC2S2I03, VC2S2I04, VC2S2I05, VC2S2I06	Observing and Sorting Living Things LESSONS 1–4 KEY INQUIRY QUESTION How can we group plants and animals? VIC 2.0 VC2S2U01, VC2S2H01, VC2S2I01, VC2S2I03, VC2S2I04, VC2S2I06	When Weather and Seasons Change LESSONS 1–4 KEY INQUIRY QUESTION How does changing weather affect living things? VIC 2.0 VC2S2U07, VC2S2H01, VC2S2H02, VC2S2I01, VC2S2I03, VC2S2I04, VC2S2I05, VC2S2I06
Design and Technologies	Digital Technologies	Design and Technologies	Digital Technologies
COMING SOON Safe Havens LESSONS 1–4 KEY INQUIRY QUESTION How can we design a shelter to protect animals? VIC 2.0 VC2TDE2S01, VC2TDE2C04, VC2TDE2D01, VC2TDE2D02, VC2TDE2D03, VC2TDE2D04, VC2TDE2D05	Using Digital Systems LESSONS 1–4 KEY INQUIRY QUESTION How do we use digital systems to learn, share and connect with others? VIC 2.0 VC2TDI2S01, VC2TDE2D02, VC2TDE2D03, VC2TDE2D04	Pack It Perfect LESSONS 1–4 KEY INQUIRY QUESTION Why is food packaging important? VIC 2.0 VC2TDE2S01, VC2TDE2C02, VC2TDE2C04, VC2TDE2D01, VC2TDE2D02, VC2TDE2D04	Data Detectives LESSONS 1–3 KEY INQUIRY QUESTION How can we use objects, pictures and symbols to represent data safely? VIC 2.0 VC2TDI2D01, VC2TDI2S02



TERM 1	TERM 2	TERM 3	TERM 4
Physical Sciences	Earth and Space Sciences	Biological Sciences	Chemical Sciences
Pushes and Pulls LESSONS 1-5 KEY INQUIRY QUESTION Can a push or a pull change an object's shape or the way it moves? VIC 2.0 VC2S2U11, VC2S2H01, VC2S2H02, VC2S2I01, VC2S2I02, VC2S2I03, VC2S2I04, VC2S2I05, VC2S2I06	Earth in the Solar System LESSONS 1-4 KEY INQUIRY QUESTION What are the planets in our solar system and what other objects can we see in the sky? VIC 2.0 VC2S2U08, VC2S2H01, VC2S2H02, VC2S2I01, VC2S2I02, VC2S2I03, VC2S2I04, VC2S2I05, VC2S2I06	What Do Living Things Need? LESSONS 1-5 KEY INQUIRY QUESTION What do plants and animals need to live? VIC 2.0 VC2S2U02, VC2S2H01, VC2S2H02, VC2S2I01, VC2S2I03, VC2S2I04, VC2S2I05, VC2S2I06	Materials and Their Purpose LESSONS 1-3 KEY INQUIRY QUESTION How do the properties of materials determine their use? VIC 2.0 VC2S2U05, VC2S2H02, VC2S2I02, VC2S2I05
Design and Technologies	Digital Technologies	Design and Technologies	Digital Technologies
COMING SOON Move Me LESSONS 1-4 KEY INQUIRY QUESTION How can materials be changed to create movement? VIC 2.0 VC2TDE2S01, VC2TDE2C01, VC2TDE2C04, VC2TDE2D01, VC2TDE2D02, VC2TDE2D03, VC2TDE2D04, VC2TDE2D05	Exploring Digital Systems and Data LESSONS 1-4 KEY INQUIRY QUESTION How can digital systems help us solve problems and meet needs? VIC 2.0 VC2TDI2S01, VC2TDI2C01, VC2TDI2C03, VC2TDI2D01, VC2TDI2D02	Food, Shelter and Clothing LESSONS 1-5 KEY INQUIRY QUESTION In what ways do living things provide us with food, clothing and shelter? VIC 2.0 VC2TDE2S01, VC2TDE2C02, VC2TDE2D01, VC2TDE2D02, VC2TDE2D04	Simple Problem Solving LESSONS 1-4 KEY INQUIRY QUESTION How can we use algorithms to solve problems and organise information clearly? VIC 2.0 VC2TDI2C02



TERM 1	TERM 2	TERM 3	TERM 4
Physical Sciences	Earth and Space Sciences	Biological Sciences	Chemical Sciences
Making Sounds LESSONS 1–4 KEY INQUIRY QUESTION What happens when we make a sound? VIC 2.0 VC2S2U12, VC2S2H02, VC2S2I01, VC2S2I04, VC2S2I05, VC2S2I06	Earth's Resources LESSONS 1–6 KEY INQUIRY QUESTION What are Earth's resources and how do we use and care for them? VIC 2.0 VC2S2U09, VC2S2H01, VC2S2H02, VC2S2I01, VC2S2I02, VC2S2I03, VC2S2I04, VC2S2I05, VC2S2I06	Survivors LESSONS 1–3 KEY INQUIRY QUESTION How do the external features of plants and animals help them survive in their environment? VIC 2.0 VC2S2U03, VC2S2H01	Changing Materials LESSONS 1–4 KEY INQUIRY QUESTION How can materials be changed? VIC 2.0 VC2S2U06, VC2S2H02, VC2S2I01, VC2S2I02, VC2S2I03, VC2S2I04, VC2S2I05, VC2S2I06
Design and Technologies	Digital Technologies	Design and Technologies	Digital Technologies
Make Some Noise LESSONS 1–4 KEY INQUIRY QUESTION How can we make a musical instrument? VIC 2.0 VC2TDE2S01, VC2TDE2C04, VC2TDE2D01, VC2TDE2D02, VC2TDE2D03, VC2TDE2D04, VC2TDE2D05	Digital Systems and Safety LESSONS 1–3 KEY INQUIRY QUESTION How can we use digital systems safely to create and share while protecting our personal information online? VIC 2.0 VC2TDI2D04, VC2TDI2S02, VC2TDI2D02, VC2TDI2D03	COMING SOON Healthy Choices LESSONS 1–6 KEY INQUIRY QUESTION How can we make healthy food choices? VIC 2.0 VC2TDE2C03, VC2TDE2S01, VC2TDE2D01, VC2TDE2D02, VC2TDE2D03, VC2TDE2D04	Solving Problems With Algorithms LESSONS 1–4 KEY INQUIRY QUESTION How does following steps, making choices and using repetition help us achieve a goal? VIC 2.0 VC2TDI2C02



TERM 1	TERM 2	TERM 3	TERM 4
Physical Sciences	Earth and Space Sciences	Chemical Sciences	Biological Sciences
Heat Energy LESSONS 1-4 KEY INQUIRY QUESTION How does heat energy make things happen? VIC 2.0 VC2S4U09, VC2S4H01, VC2S4H02, VC2S4I01, VC2S4I02, VC2S4I03, VC2S4I04, VC2S4I05, VC2S4I06	Rocks, Minerals and Soils LESSONS 1-5 KEY INQUIRY QUESTION What are the properties of rocks, minerals and soils and why are they important Earth resources? VIC 2.0 VC2S4U06, VC2S4H01, VC2S4H02, VC2S4I01, VC2S4I02, VC2S4I03, VC2S4I04, VC2S4I05, VC2S4I06	Changes of State LESSONS 1-4 KEY INQUIRY QUESTION How do materials change when heated and cooled? VIC 2.0 VC2S4U04, VC2S4H02, VC2S4I01, VC2S4I02, VC2S4I03, VC2S4I04, VC2S4I05, VC2S4I06	Life Cycles of Living Things LESSONS 1-7 KEY INQUIRY QUESTION What are the life cycles of plants and animals? VIC 2.0 VC2S4U01, VC2S4U02, VC2S4H02, VC2S4I01, VC2S4I02, VC2S4I03, VC2S4I04, VC2S4I05, VC2S4I06
Design and Technologies	Digital Technologies	Design and Technologies	Digital Technologies
COMING SOON Sustainable Designs LESSONS 1-5 KEY INQUIRY QUESTION How can we design a lunch bag that is good for the planet and keeps our food fresh? VIC 2.0 VC2TDE4S01, VC2TDE4C04, VC2TDE4D01, VC2TDE4D02, VC2TDE4D03, VC2TDE4D04, VC2TDE4D05	Digital Systems and Data Representations LESSONS 1-5 KEY INQUIRY QUESTION How do digital systems and data help us connect, share and represent information in different ways? VIC 2.0 VC2TDI4S01, VC2TDI4S02, VC2TDI4D01, VC2TDI4D02	COMING SOON Heat and Eat LESSONS 1-5 KEY INQUIRY QUESTION How does heat affect food? VIC 2.0 VC2TDE4S01, VC2TDE4C03, VC2TDE4D01, VC2TDE4D02, VC2TDE4D04, VC2TDE4D05	Programming Basics LESSONS 1-4 KEY INQUIRY QUESTION How can I write my own computer programs? VIC 2.0 VC2TDI4C02, VC2TDI4C04



TERM 1	TERM 2	TERM 3	TERM 4
Physical Sciences	Earth and Space Sciences	Chemical Sciences	Biological Sciences
Forces LESSONS 1-5 KEY INQUIRY QUESTION How can objects affect other objects with or without touching each other? VIC 2.0 VC2S4U10, VC2S4H02, VC2S4I01, VC2S4I02, VC2S4I03, VC2S4I04, VC2S4I05, VC2S4I06	The Water Cycle LESSONS 1-5 KEY INQUIRY QUESTION How does water move through the ocean, sky and landscape? VIC 2.0 VC2S4U07, VC2S4H01, VC2S4H02, VC2S4I01, VC2S4I02, VC2S4I03, VC2S4I04, VC2S4I05, VC2S4I06 Changing Weather and Climate LESSONS 1-5 KEY INQUIRY QUESTION What are weather and climate, and what causes them to change? VIC 2.0 VC2S4U08, VC2S4H01, VC2S4I04	Using Materials for a Purpose LESSONS 1-3 KEY INQUIRY QUESTION How do you decide on which material to use for a particular purpose? VIC 2.0 VC2S4U05, VC2S4H02, VC2S4I01, VC2S4I02, VC2S4I03, VC2S4I04, VC2S4I05, VC2S4I06	Food Chains LESSONS 1-4 KEY INQUIRY QUESTION How are living things connected in food chains? VIC 2.0 VC2S4U03, VC2S4I01, VC2S4I04, VC2S4I06
Design and Technologies	Digital Technologies	Design and Technologies	Digital Technologies
COMING SOON Boat Builders LESSONS 1-5 KEY INQUIRY QUESTION How can we combine materials and use forces to build a boat? VIC 2.0 VC2TDE4S01, VC2TDE4C01, VC2TDE4C04, VC2TDE4D01, VC2TDE4D02, VC2TDE4D03, VC2TDE4D04, VC2TDE4D05	Digital Navigators LESSONS 1-4 KEY INQUIRY QUESTION How can we use digital tools safely and responsibly? VIC 2.0 VC2TDI4D04, VC2TDI4S03, VC2TDI4D05, VC2TDI4D02	Growing Smart LESSONS 1-5 KEY INQUIRY QUESTION What is sustainable farming? VIC 2.0 VC2TDE4S01, VC2TDE4C02, VC2TDE4D01, VC2TDE4D02, VC2TDE4D04, VC2TDE4D05	Logic and Loops LESSONS 1-5 KEY INQUIRY QUESTION How can algorithms improve problem solving? VIC 2.0 VC2TDI4C01, VC2TDI4C02, VC2TDI4C03, VC2TDI4C04, VC2TDI4C05

All Shook Up can be used as an alternative to **Boat Builders** or **Growing Smart**

KEY INQUIRY QUESTION: How can we design buildings that withstand earthquakes?

VIC 2.0 VC2TDE4S01, VC2TDE4C01, VC2TDE4C04, VC2TDE4D01, VC2TDE4D02, VC2TDE4D03, VC2TDE4D04, VC2TDE4D05



TERM 1	TERM 2	TERM 3	TERM 4
Physical Sciences	Earth and Space Sciences	Chemical Sciences	Biological Sciences
Seeing the Light LESSONS 1-6 KEY INQUIRY QUESTION What are the characteristic behaviours of light energy? VIC 2.0 VC2S6U08, VC2S6H01, VC2S6H02, VC2S6I01, VC2S6I02, VC2S6I03, VC2S6I04, VC2S6I05	Changes to Earth's Surface LESSONS 1-5 KEY INQUIRY QUESTION How do natural processes cause slow or rapid changes to Earth's surface? VIC 2.0 VC2S6U05, VC2S6H01, VC2S6H02, VC2S6I01, VC2S6I02, VC2S6I04, VC2S6I05, VC2S6I06	Matter and Particles LESSONS 1-4 KEY INQUIRY QUESTION What is matter and how is it different? VIC 2.0 VC2S6U03, VC2S6H02, VC2S6I01, VC2S6I02, VC2S6I04, VC2S6I05, VC2S6I06	Living Things in Their Environments LESSONS 1-6 KEY INQUIRY QUESTION How do the physical conditions of an environment affect the survival of living things? VIC 2.0 VC2S6U01, VC2S6I01, VC2S6I02, VC2S6I03, VC2S6I04, VC2S6I05, VC2S6I06
Design and Technologies	Digital Technologies	Digital Technologies	Design and Technologies
COMING SOON Solar Smart LESSONS 1-5 KEY INQUIRY QUESTION How can we use the Sun's energy to power a home? VIC 2.0 VC2TDE6S01, VC2TDE6C01, VC2TDE6C04, VC2TDE6D01, VC2TDE6D02, VC2TDE6D03, VC2TDE6D04, VC2TDE6D05	Digital Tools and Online Protocols LESSONS 1-3 KEY INQUIRY QUESTION How can we responsibly use digital tools to create, share and protect information online? VIC 2.0 VC2TDI6D04, VC2TDI6D05, VC2TDI6S03, VC2TDI6D06	Exploring Data LESSONS 1-4 KEY INQUIRY QUESTION How do computers represent, process and visualise data? VIC 2.0 VC2TDI6D01, VC2TDI6D02, VC2TDI6D03 Problem Solving and Digital Designs LESSONS 1-5 KEY INQUIRY QUESTION How can we design user-friendly solutions and create algorithms to meet people's needs? VIC 2.0 VC2TDE6D02, VC2TDI6C02, VC2TDI6C04	Growing Smart LESSONS 1-6 KEY INQUIRY QUESTION How and why are food and fibre produced in managed environments? VIC 2.0 VC2TDE6S01, VC2TDE6C02, VC2TDE6C04, VC2TDE6D01, VC2TDE6D02, VC2TDE6D04



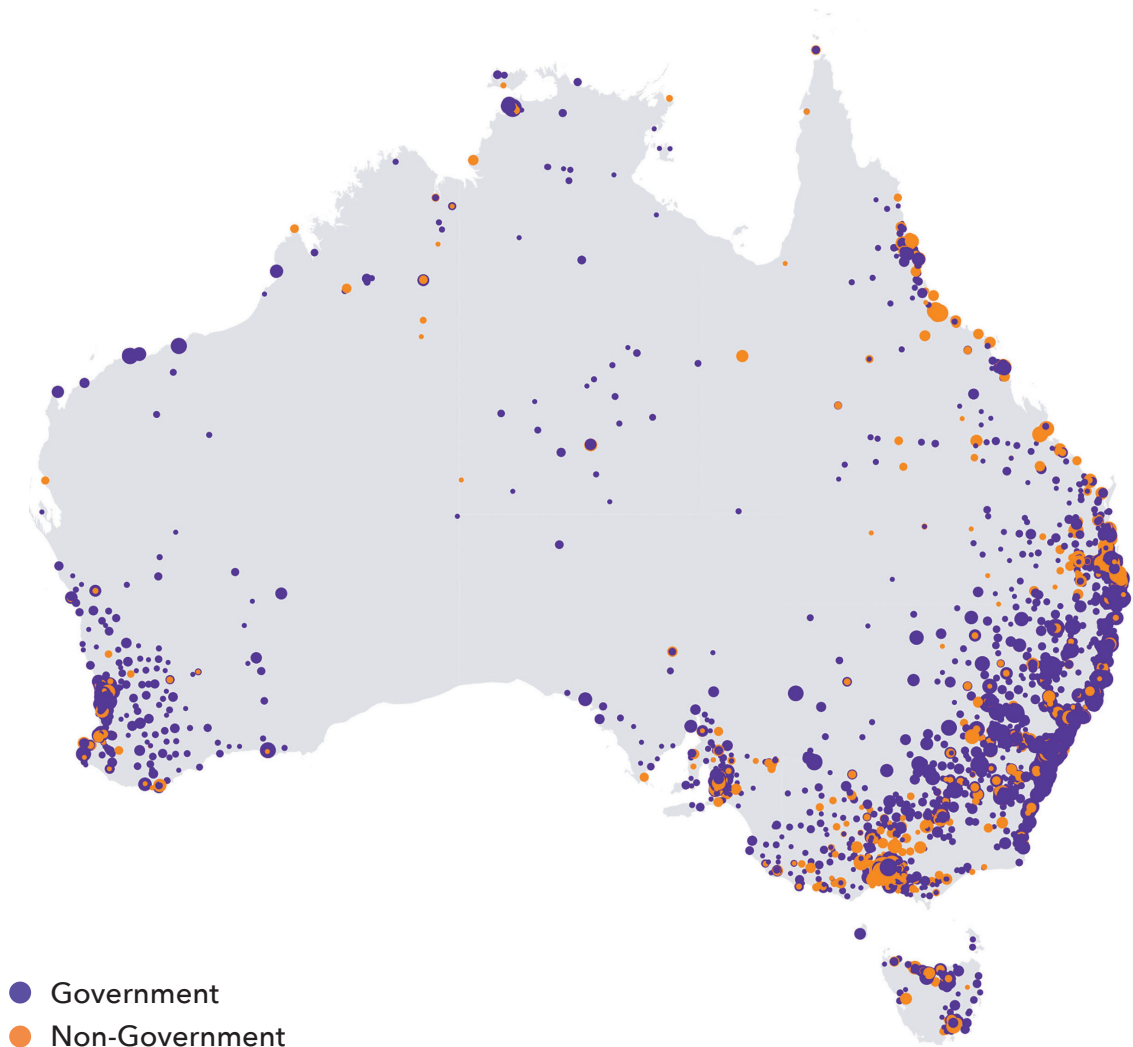
TERM 1	TERM 2	TERM 3	TERM 4
Physical Sciences	Earth and Space Sciences	Chemical Sciences	Biological Sciences
Circuits LESSONS 1-5 KEY INQUIRY QUESTION What does an electrical circuit do and what are its parts? VIC 2.0 VC2S6U09, VC2S6H02, VC2S6I01, VC2S6I02, VC2S6I04, VC2S6I05	Sudden and Extreme Changes to Earth's Surface LESSONS 1-5 KEY INQUIRY QUESTION How do sudden geological changes and extreme weather events affect the Earth's surface? VIC 2.0 VC2S6U06, VC2S6H01, VC2S6H02, VC2S6I02, VC2S6I04, VC2S6I06 When Planets Move LESSONS 1-6 KEY INQUIRY QUESTION How do we know the Earth is moving? VIC 2.0 VC2S6U07, VC2S6H01, VC2S6I04, VC2S6I06	Changing Matter LESSONS 1-5 KEY INQUIRY QUESTION What is the result of combining materials? VIC 2.0 VC2S6U04, VC2S6U03, VC2S6H02, VC2S6I01, VC2S6I02, VC2S6I03, VC2S6I04, VC2S6I05, VC2S6I06	Adapting to Survive LESSONS 1-6 KEY INQUIRY QUESTION How do the structural and behavioral features of living things support survival? VIC 2.0 VC2S6U02, VC2S6I01, VC2S6I02, VC2S6I03, VC2S6I04, VC2S6I05, VC2S6I06
Design and Technologies	Digital Technologies	Design and Technologies	Digital Technologies
COMING SOON Smart Food Choices LESSONS 1-6 KEY INQUIRY QUESTION How can we select and prepare healthy meals? VIC 2.0 VC2TDE6S01, VC2TDE6C03, VC2TDE6D01, VC2TDE6D02, VC2TDE6D03, VC2TDE6D04, VC2TDE6D05	Digital Systems and Networks LESSONS 1-3 KEY INQUIRY QUESTION How do the parts of digital systems work together and connect to share data? VIC 2.0 VC2TDI6S01, VC2TDI6S02	COMING SOON Waste Wise LESSONS 1-4 KEY INQUIRY QUESTION How can we manage waste more sustainably? VIC 2.0 VC2TDE6S01, VC2TDE6C04, VC2TDE6D01, VC2TDE6D02, VC2TDE6D03, VC2TDE6D04, VC2TDE6D05	Designing Digital Systems LESSONS 1-2 KEY INQUIRY QUESTION How important is design in digital systems? VIC 2.0 VC2TDI6C01, VC2TDI6C02, VC2TDI6C03, VC2TDI6C04

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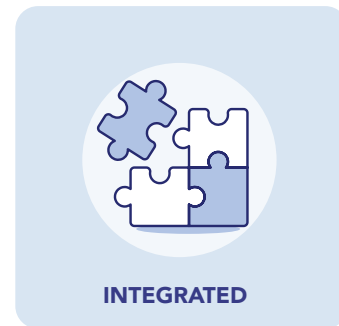
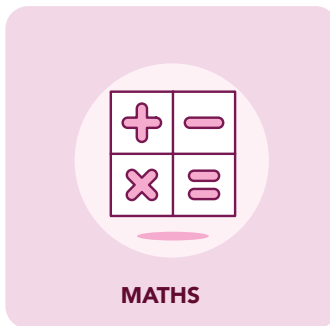
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