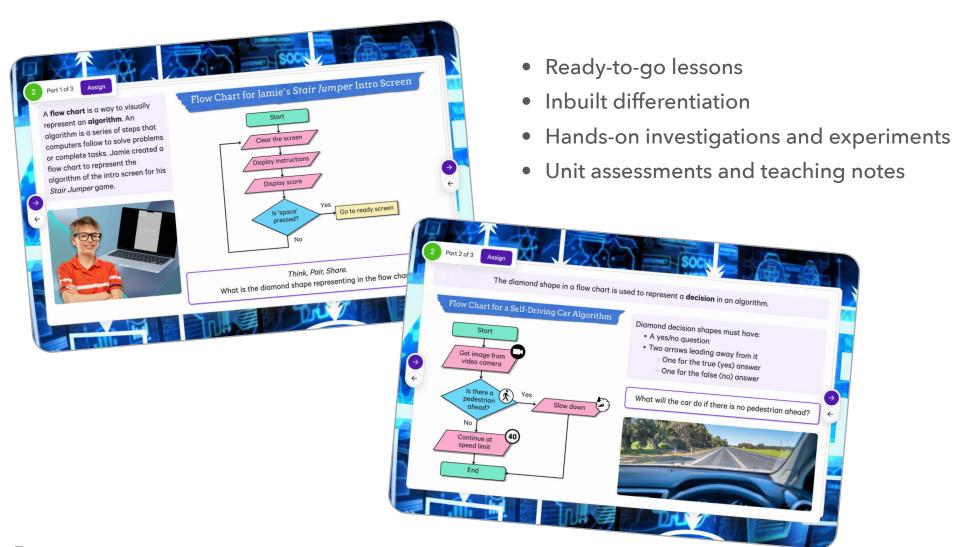


## Inquisitive Science and Technology is Being Written to Align to the NSW 2024 Syllabus



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## What do NSW Teachers Love About Inquisitive?





I really appreciate Inquisitive's engaging approach to teaching, especially the transition to using interactive digital slides. They provide a visually appealing and dynamic way to present information, which helps students stay focused and makes complex topics more accessible. The slides also offer flexibility in pacing, allowing me to tailor lessons to my students' needs.

Richard, Year 3 and 4 Teacher, NSW



I really love the switch to digital slides, the embedded videos are amazing! I love how the learning intentions and success criteria are laid out too!

Mel, K-6 Teacher, NSW



TERM 1	TERM 2	TERM 3	TERM 4	
Observations and questions spark curiosity				
Living Things and How They Survive LESSONS 1-4  KEY INQUIRY QUESTION What is a living thing and what do they need to survive?	Observable Properties of Materials LESSONS 1-4 KEY INQUIRY QUESTION What are the observable properties of materials?	Characteristics of Plants and Animals LESSONS 1-4  KEY INQUIRY QUESTION How do the characteristics of living things help them survive?	Objects and Living Things Move LESSONS 1-4  KEY INQUIRY QUESTION How do objects and living things move in different ways?	
NSW 2024 STE-SCI-01, STE-PQU-01  NSW 2024 STE-SCI-01, STE-PQU-01  NSW 2024 STE-SCI-01, STE-PQU-01  NSW 2024 STE-SCI-01, STE-PQU-01  Observations and questions initiate design and digital solutions				
Using Digital Devices LESSONS 1-3  KEY INQUIRY QUESTION How do digital devices and apps help us capture, share and understand information in our daily lives?	Pack It Perfect LESSONS 1-4  KEY INQUIRY QUESTION Why is food packaging important?	Safe Havens LESSONS 1-4  KEY INQUIRY QUESTION How can we design a shelter to protect animals?		
NSW 2024 STE-DDT-01, STE-PQU-01	NSW 2024 STE-DDT-01, STE-PQU-01	NSW 2024 STE-DDT-01, STE-PQU-01		

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TERM 1	TERM 2	TERM 3	TERM 4	
Investigations of changes provide knowledge and understanding				
Collecting Scientific Data About Habitats LESSONS 1-4  KEY INQUIRY QUESTION How does data help us understand how living things change?  NSW 2024 ST1-SCI-01, ST1-PQU-01, ST1-DAT-01	Body Sense Organs LESSONS 1-4  KEY INQUIRY QUESTION Which parts of our body tell us about the environment?  NSW 2024 ST1-SCI-01, ST1-PQU-01, ST1-DAT-01	Light in Action LESSONS 1-4  KEY INQUIRY QUESTION How does light behave with different materials?  NSW 2024 ST1-SCI-01, ST1-PQU-01, ST1-DAT-01	Planet Earth LESSONS 1-4  KEY INQUIRY QUESTION In what ways do weather and seasons affect the world around us?  NSW 2024 ST1-SCI-01, ST1-PQU-01, ST1-DAT-01	
Design and digital solutions are created through knowledge and understanding				
Food, Clothing and Shelter LESSONS 1-5  KEY INQUIRY QUESTION In what ways do living things provide us with food, clothing and shelter?	Digital Systems in Everyday Life LESSONS 1-3  KEY INQUIRY QUESTION How do we use digital systems in everyday life and for learning?	Using Light LESSONS 1-3  KEY INQUIRY QUESTION How can we use light?		
<b>NSW 2024</b> ST1-DDT-01, ST1-PQU-01	NSW 2024 ST1-PQU-01	NSW 2024 ST1-DDT-01, ST1-PQU-01		

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TERM 1	TERM 2	TERM 3	TERM 4	
Investigations of changes provide knowledge and understanding				
Power of Forces LESSONS 1-5  AVAILABLE NOW	Changes Over Time LESSONS 1-4	Sound Journey LESSONS 1-4	Exploring the Sky LESSONS 1-6	
KEY INQUIRY QUESTION  How can a force change how an object moves?	KEY INQUIRY QUESTION What is a life cycle of a living thing?	KEY INQUIRY QUESTION How does sound behave with different materials?	KEY INQUIRY QUESTION How do the Sun, Moon and stars influence our daily lives and the natural world?	
<b>NSW 2024</b> ST1-SCI-01, ST1-PQU-01, ST1-DAT-01	<b>NSW 2024</b> ST1-SCI-01, ST1-PQU-01, ST1-DAT-01	<b>NSW 2024</b> ST1-SCI-01, ST1-PQU-01, ST1-DAT-01	<b>NSW 2024</b> ST1-SCI-01, ST1-PQU-01, ST1-DAT-01	
Design and digital solutions are created through knowledge and understanding				
Move Me LESSONS 1-4  KEY INQUIRY QUESTION How can materials be changed to create movement?	Sequential Steps LESSONS 1-2  KEY INQUIRY QUESTION In what ways can we control a device?	Make Some Noise LESSONS 1-4  KEY INQUIRY QUESTION How can we make a musical instrument?	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?	
NSW 2024 ST1-DDT-01, ST1-PQU-01	NSW 2024 ST1-PQU-01	NSW 2024 ST1-DDT-01, ST1-PQU-01	NSW 2024 ST1-PQU-01	



TERM 1	TERM 2	TERM 3	TERM 4	
Physical and living systems depend on energy				
<b>States and Properties of Matter</b> LESSONS 1-4	Earth's Systems and Environments LESSONS 1-4	Our Solar System LESSONS 1-4	<b>Transferring Heat Energy</b> LESSONS 1-4	
KEY INQUIRY QUESTION What are the states of matter and their properties?	KEY INQUIRY QUESTION In what ways do the interactions between Earth's systems impact living things and their environments?	KEY INQUIRY QUESTION How do different cultures interpret the Sun and the solar system?	KEY INQUIRY QUESTION In what ways do materials interact with heat energy?	
<b>NSW 2024</b> ST2-SCI-01, ST2-PQU-01, ST2-DAT-01	NSW 2024 ST2-SCI-01, ST2-PQU-01, ST2-DAT-01  Body Systems and Movement LESSONS 1-4	NSW 2024 ST2-SCI-01, ST2-PQU-01, ST2-DAT-01	NSW 2024 ST2-SCI-01, ST2-PQU-01, ST2-DAT-01	
	KEY INQUIRY QUESTION How do the bodies of living things help them move? NSW 2024 ST2-SCI-01, ST2-PQU-01			
Design processes and digital systems are used to create solutions				
<b>Boat Builders</b> LESSONS 1-5	Digital Systems and Data Representation	Programming Basics LESSONS 1-4  AVAILABLE NOW	<b>Learning from the Land</b> LESSONS 1-5	
KEY INQUIRY QUESTION  How can we combine materials and use forces to build a boat?	KEY INQUIRY QUESTION How do digital systems and data help us connect, share and represent information in different ways?	KEY INQUIRY QUESTION What are algorithms?	KEY INQUIRY QUESTION What is sustainable farming?	
NSW 2024 ST2-DDT-01, ST2-DDT-02	<b>NSW 2024</b> ST2-DDT-02	NSW 2024 ST2-DDT-02	NSW 2024 ST2-DDT-01, ST2-DDT-02	

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TERM 1	TERM 2	TERM 3	TERM 4		
	Physical and living systems depend on energy				
Forces Shape Earth's Surface	Energy Flow in Ecosystems LESSONS 1-4	<b>Gravity in Our Solar System</b> LESSONS 1-3	<b>Heat Energy Changes Matter</b> LESSONS 1-3		
LESSONS 1-5  KEY INQUIRY QUESTION  How do natural forces shape the Earth's surface?	KEY INQUIRY QUESTION  How do living things depend on energy and each other for survival?	KEY INQUIRY QUESTION What role does gravity play in our solar system?	KEY INQUIRY QUESTION How does heat energy change matter?		
<b>NSW 2024</b> ST2-SCI-01, ST2-PQU-01	<b>NSW 2024</b> ST2-SCI-01, ST2-PQU-01, ST2-DAT-01	<b>NSW 2024</b> ST2-SCI-01, ST2-PQU-01, ST2-DAT-01	<b>NSW 2024</b> ST2-SCI-01, ST2-PQU-01, ST2-DAT-01		
Design processes and digital systems are used to create solutions					
All Shook Up LESSONS 1-4	Digital Navigators LESSONS 1-4  AVAILABLE NOW	Lessons 1-4	Heat and Eat LESSONS 1-5		
KEY INQUIRY QUESTION How can we make a building earthquake resistant?	KEY INQUIRY QUESTION How can we use digital tools safely and responsibly?	KEY INQUIRY QUESTION How can algorithms improve problem solving?	KEY INQUIRY QUESTION In what ways does heat affect food?		
NSW 2024 ST2-DDT-01, ST2-DDT-02	<b>NSW 2024</b> ST2-DDT-02	NSW 2024 ST2-DDT-02	NSW 2024 ST2-DDT-01, ST2-DDT-02		

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TERM 1	TERM 2	TERM 3	TERM 4		
	Knowledge of our world and beyond inspires sustainable solutions				
Earth's Usable Matter LESSONS 1-3	Adaptations LESSONS 1-4	Electrical Energy LESSONS 1-3	Digestive, Respiratory and Circulatory Systems		
KEY INQUIRY QUESTION What sustainable materials and practices can we use to reduce waste and protect our environment?	KEY INQUIRY QUESTION  How do behavioural and structural adaptations of plants and animals help them survive in their environments?	KEY INQUIRY QUESTION  How do we use different types of energy in our lives and why does the type of energy source we use matter?	KEY INQUIRY QUESTION In what ways do the digestive, respiratory and circulatory systems work together to aid our survival?		
NSW 2024 ST3-SCI-01, ST3-PQU-01, ST3-DAT-01, ST3-CWT-01	<b>NSW 2024</b> ST3-SCI-01, ST3-PQU-01, ST3-DAT-01, ST3-CWT-01	<b>NSW 2024</b> ST3-SCI-01, ST3-PQU-01, ST3-DAT-01, ST3-CWT-01	NSW 2024 ST3-SCI-01, ST3-PQU-01, ST3-DAT-01, ST3-CWT-01		
	Design and digital technologie	s engineer sustainable solutions			
Waste Wise LESSONS 1-4	Digital Tools and Online Protocols	Solar Smart LESSONS 1-5	Decoding Data LESSONS 1-2  AVAILABLE NOW		
KEY INQUIRY QUESTION What are some strategies for managing waste more sustainably?	KEY INQUIRY QUESTION How can we responsibly use digital tools to create, share and protect information online?	KEY INQUIRY QUESTION How can we use the Sun's energy to power a home?	KEY INQUIRY QUESTION How do digital systems use numbers and binary to represent and communicate data?		
<b>NSW 2024</b> ST3-DDT-01, ST3-DDT-02, ST3-CWT-01	NSW 2024 ST3-DDT-02	<b>NSW 2024</b> ST3-DDT-01, ST3-DDT-02, ST3-CWT-01	<b>NSW 2024</b> ST3-DDT-02		
			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?		
			NSW 2024 ST3-DDT-01, ST3-DDT-02		



TERM 1	TERM 2	TERM 3	TERM 4	
Knowledge of our world and beyond inspires sustainable solutions				
Changing Environments and Ecosystems LESSONS 1-5  KEY INQUIRY QUESTION In what ways do plants, animals and sustainable practices influence the health and balance of environments?  NSW 2024 ST3-SCI-01, ST3-PQU-01,	Exploring Beyond Our Solar System LESSONS 1-4  KEY INQUIRY QUESTION How does exploring beyond our solar system expand our understanding of the universe and our place within it?  NSW 2024 ST3-SCI-01, ST3-CWT-01	Electrical Circuits LESSONS 1-3  KEY INQUIRY QUESTION What makes an electrical circuit work and how do we ensure they are safe to use?  NSW 2024 ST3-SCI-01, ST3-PQU-01,	Earth's Climate LESSONS 1-4  KEY INQUIRY QUESTION How do we use technology to understand weather and climate, and what impacts do natural events and human activities have on them?  NSW 2024 ST3-SCI-01, ST3-PQU-01,	
ST3-DAT-01, ST3-CWT-01	NSW 2024 515-5CI-01, 515-CWI-01	ST3-DAT-01, ST3-CWT-01	ST3-DAT-01, ST3-CWT-01	
Design and digital technologies engineer sustainable solutions				
Managed Environments: Growing Smart LESSONS 1-6  KEY INQUIRY QUESTION How and why are food and fibre produced in managed environments?	Digital Systems and Networks LESSONS 1-3  KEY INQUIRY QUESTION How do the parts of digital systems work together and connect to share data?	Smart Food Choices LESSONS 1-6  KEY INQUIRY QUESTION How can we select and prepare healthy meals?	Designing Digital Systems LESSONS 1-2  KEY INQUIRY QUESTION How important is design in digital systems?	
<b>NSW 2024</b> ST3-DDT-01, ST3-DDT-02, ST3-CWT-01	<b>NSW 2024</b> ST3-DDT-02	<b>NSW 2024</b> ST3-DDT-01, ST3-DDT-02, ST3-CWT-01	NSW 2024 ST3-DDT-02, ST3-DDT-01	

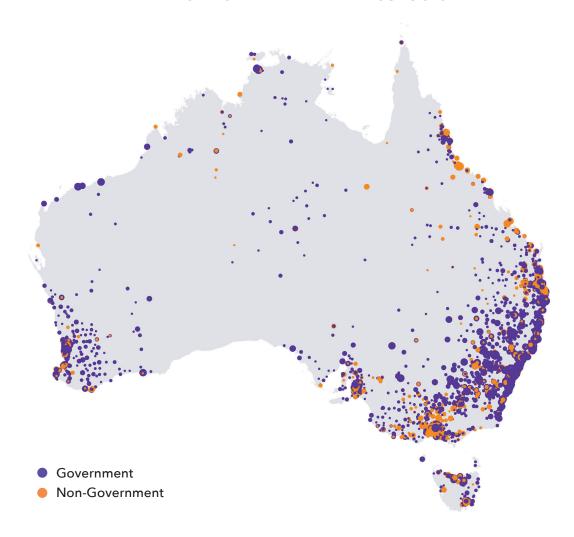
50,000
TEACHERS

5,500 SCHOOLS

**About Inquisitive** 

Inquisitive offers a single, high quality curriculum resource to cover multiple subjects.

Our high quality lessons weave in literacy, numeracy and cross-curriculum priorities. These lessons are full of rich, engaging activities and stimulus resources, including eBooks, maps, images, documents, web tools, and videos.



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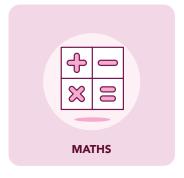




















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