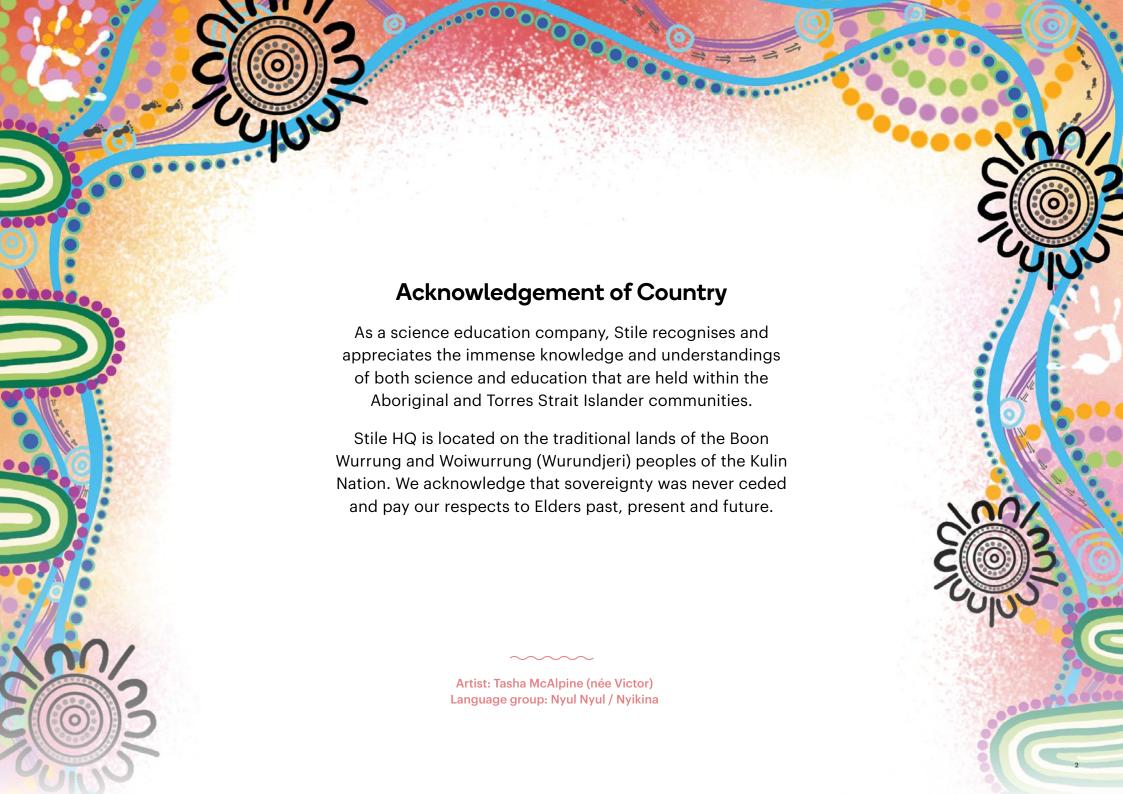


Scope and Sequence

NSW Syllabus for the Australian Curriculum



A note from our Head of Education



Here

Clare Feeney | Head of Education and the whole Stile team

Stile is for everyday use in your classroom. It facilitates vibrant, collaborative learning with a mixture of rich, interactive activities that collectively cover every outcome of the Years 7–10 Science curriculum.

To support you, we've created this scope and sequence document to give you guidance on how you can use Stile as a program of learning across Years 7–10. This sequence is designed to be used as a guide – a way to ensure you are covering the curriculum with our resources – but as with everything at Stile you can customise it to best suit your classes. Make as few or as many changes as you like; it's all about teaching in your style and doing what works for your students. Our curriculumaligned lessons are ready to teach straight out of the box and have built-in customisation and editing tools that let you tailor them to your classroom. We have created these resources to do some of the work for you so you can do what you do best: teach.

If you have any questions or would like to chat more about our science program please reach out. We're a bunch of teachers and science nerds based in Melbourne, with team members across the country, and we love chatting with fellow educators about awesome science education.



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All units in Stile address the general capabilities of the Australian Curriculum. We have used the following symbols to indicate this:

Ethical understanding

Literacy

© Critical and creative thinking

Numeracy

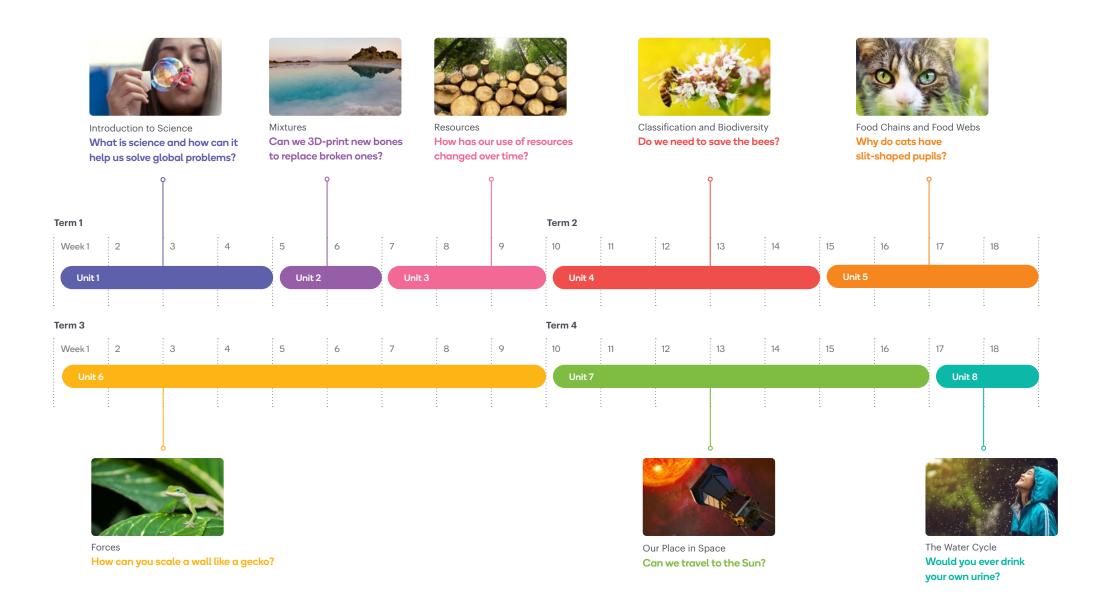
Personal and social capability

Digital literacy

Intercultural understanding

Stage 4 - Year 7 Scope & Sequence

Stile X booklets are available for all units in this scope and sequence. With Stile X, you can offer support and extension for students in class or give them the tools to review and master knowledge independently.



Stage 4 – Year 7 Curriculum alignment

Unit 1

Introduction to Science

Unit 2

Mixtures

Unit 3

Resources

Unit 4

Classification and Biodiversity

This unit focuses on Science as a human endeavour and Science inquiry strands.

SC4-17CW

explains how scientific understanding of, and discoveries about, the properties of elements, compounds and mixtures relate to their uses in everyday life

SC4-13ES

explains how advances in scientific understanding of processes that occur within and on the Earth, influence the choices people make about resource use and management SC4-14LW

relates the structure and function of living things to their classification, survival and reproduction

Skills

Knowledge and Understanding

SC4-4WS

identifies questions and problems that can be tested or researched and makes predictions based on scientific knowl-









collaboratively and individually produces a plan to investigate

questions and problems



follows a sequence of instructions to safely undertake a range of investigation types, collaboratively and individually

SC4-7WS (a) (c) (%)





processes and analyses data from a first-hand investigation and secondary sources to identify trends, patterns and relationships, and draw conclusions

SC4-8WS (\(\frac{1}{2}\) (\(\hat{C}\))



selects and uses appropriate strategies, understanding and skills to produce creative and plausible solutions to identified problems

SC4-9WS



presents science ideas, findings and information to a given audience using appropriate scientific language, text types and representations







collaboratively and individually produces a plan to investigate questions and problems

SC4-6WS (⇌) (⊜) (♀)





follows a sequence of instructions to safely undertake a range of investigation types, collaboratively and individually

SC4-7WS (a) (c) (c)







processes and analyses data from a first-hand investigation and secondary sources to identify trends, patterns and relationships, and draw conclusions

SC4-9WS (→ (□) (:k)



presents science ideas, findings and information to a given audience using appropriate scientific language, text types and representations

SC4-4WS

identifies questions and problems that can be tested or researched and makes predictions based on scientific knowledae







collaboratively and individually produces a plan to investigate questions and problems

SC4-9WS (≟) (∃) (≒)



presents science ideas, findings and information to a given audience using appropriate scientific language, text types and representations

SC4-4WS

identifies questions and problems that can be tested or researched and makes predictions based on scientific knowl-





collaboratively and individually produces a plan to investigate questions and problems

SC4-7WS (E) (C) (S)





processes and analyses data from a first-hand investigation and secondary sources to identify trends, patterns and relationships, and draw conclusions

SC4-8WS (=) (e)



selects and uses appropriate strategies, understanding and skills to produce creative and plausible solutions to identified problems

SC4-9WS (≟) (∃) (∶κ)



presents science ideas, findings and information to a given audience using appropriate scientific language, text types and representations

Stage 4 – Year 7 Curriculum alignment



Food Chains and Food Webs



Forces

Our Place in Space

Unit 8

The Water Cycle

SC4-15LW

explains how new biological evidence changes people's understanding of the world

SC4-10PW

describes the action of unbalanced forces in everyday situ-

SC4-12ES

describes the dynamic nature of models, theories and laws in developing scientific understanding of the Earth and solar SC4-13ES

explains how advances in scientific understanding of processes that occur within and on the Earth, influence the choices people make about resource use and management

Knowledge and Understanding

SC4-4WS

identifies questions and problems that can be tested or researched and makes predictions based on scientific knowledge











collaboratively and individually produces a plan to investigate questions and problems

SC4-7WS (a) (c) (b) (c)





processes and analyses data from a first-hand investigation and secondary sources to identify trends, patterns and relationships, and draw conclusions





follows a sequence of instructions to safely undertake a range of investigation types, collaboratively and individually





presents science ideas, findings and information to a given audience using appropriate scientific language, text types and representations

SC4-4WS

identifies questions and problems that can be tested or researched and makes predictions based on scientific knowledge









collaboratively and individually produces a plan to investigate questions and problems







follows a sequence of instructions to safely undertake a range of investigation types, collaboratively and individually

SC4-7WS





(E) (E) (X)

processes and analyses data from a first-hand investigation and secondary sources to identify trends, patterns and relationships, and draw conclusions



selects and uses appropriate strategies, understanding and skills to produce creative and plausible solutions to identified problems

SC4-9WS



presents science ideas, findings and information to a given audience using appropriate scientific language, text types and representations

SC4-4WS

identifies questions and problems that can be tested or researched and makes predictions based on scientific knowledge

SC4-5WS (☐) (⑥) (♣) (☐) (☐)







collaboratively and individually produces a plan to investigate questions and problems

SC4-6WS (⇌) (⊕) (⊕)





follows a sequence of instructions to safely undertake a range of investigation types, collaboratively and individually

SC4-7WS





processes and analyses data from a first-hand investigation and secondary sources to identify trends, patterns and relationships, and draw conclusions



presents science ideas, findings and information to a given audience using appropriate scientific language, text types and representations

SC4-4WS

identifies questions and problems that can be tested or researched and makes predictions based on scientific knowledge

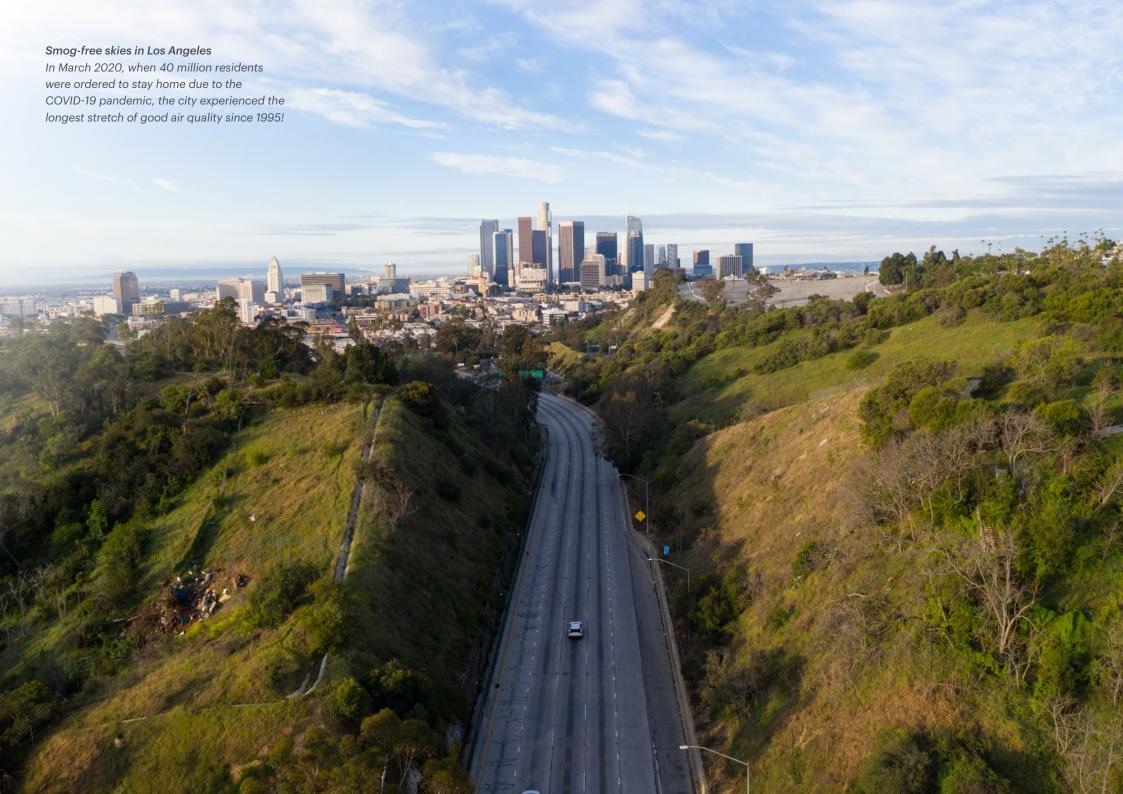




follows a sequence of instructions to safely undertake a range of investigation types, collaboratively and individually

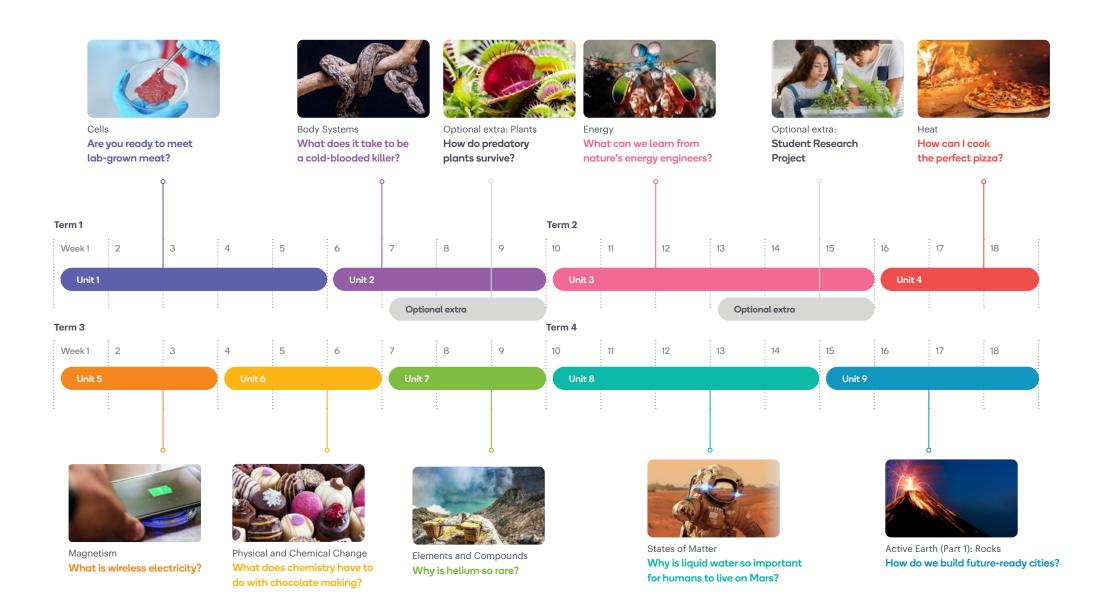


processes and analyses data from a first-hand investigation and secondary sources to identify trends, patterns and relationships, and draw conclusions



Stage 4 – Year 8 Scope & Sequence

Stile X booklets are available for all units in this scope and sequence. With Stile X, you can offer support and extension for students in class or give them the tools to review and master knowledge independently.



Stage 4 – Year 8 Curriculum alignment

Unit 1

Cells

Unit 2

Body Systems

Optional

Plants

Unit 3

Energy

SC4-14LW

relates the structure and function of living things to their classification, survival and reproduction

SC4-14LW

relates the structure and function of living things to their classification, survival and reproduction

SC4-14LW

relates the structure and function of living things to their classification, survival and reproduction

This outcome is addressed in the Cells and Body Systems units, however Plants has been included as an optional extra if you wish to examine the structure and function of plants in relation to their classification, survival and reproduction

SC4-11PW

discusses how scientific understanding and technological developments have contributed to finding solutions to problems involving energy transfers and transformations

SC4-4WS

Knowledge and Understanding

Skills

identifies questions and problems that can be tested or researched and makes predictions based on scientific knowledge







collaboratively and individually produces a plan to investigate questions and problems



processes and analyses data from a first-hand investigation and secondary sources to identify trends, patterns and relationships, and draw conclusions

SC4-8WS (⊋) (€)



selects and uses appropriate strategies, understanding and skills to produce creative and plausible solutions to identified problems



presents science ideas, findings and information to a given audience using appropriate scientific language, text types and representations

SC4-5WS (=) (@) (%) (%) (%)









collaboratively and individually produces a plan to investigate questions and problems

SC4-7WS (E) (®) (%)







processes and analyses data from a first-hand investigation and secondary sources to identify trends, patterns and relationships, and draw conclusions



selects and uses appropriate strategies, understanding and skills to produce creative and plausible solutions to identified problems

SC4-9WS (→ (□) (□)





presents science ideas, findings and information to a given audience using appropriate scientific language, text types and representations

SC4-4WS

identifies questions and problems that can be tested or researched and makes predictions based on scientific knowledge

SC4-5WS (⇌) (⊕) (⊕) (♀) (⋮)







collaboratively and individually produces a plan to investigate questions and problems

SC4-4WS

identifies questions and problems that can be tested or researched and makes predictions based on scientific knowledge

SC4-5WS (⇌) (⊕) (⊕) (♣) (♣)





collaboratively and individually produces a plan to investigate

SC4-6WS (⊋) (⊕) (⊕)

questions and problems

follows a sequence of instructions to safely undertake a range of investigation types, collaboratively and individually

SC4-7WS





processes and analyses data from a first-hand investigation and secondary sources to identify trends, patterns and relationships, and draw conclusions

Stage 4 – Year 8 Curriculum alignment

Unit 4

Heat

Magnetism



Physical and **Chemical Change**



Elements and Compounds

SC4-11PW

discusses how scientific understanding and technological developments have contributed to finding solutions to problems involving energy transfers and transformations

SC4-11PW

discusses how scientific understanding and technological developments have contributed to finding solutions to problems involving energy transfers and transformations

SC4-17CW

explains how scientific understanding of, and discoveries about the properties of elements, compounds and mixtures relate to their uses in everyday life

SC4-16CW

describes the observed properties and behaviour of matter, using scientific models and theories about the motion and arrangement of particles

Skills

Knowledge and Understanding

SC4-4WS

identifies questions and problems that can be tested or researched and makes predictions based on scientific knowledge









collaboratively and individually produces a plan to investigate questions and problems





follows a sequence of instructions to safely undertake a range of investigation types, collaboratively and individually





processes and analyses data from a first-hand investigation and secondary sources to identify trends, patterns and relationships, and draw conclusions

SC4-8WS (=) (e)



selects and uses appropriate strategies, understanding and skills to produce creative and plausible solutions to identified problems

SC4-5WS (=) (©) (%) (=) (×)









collaboratively and individually produces a plan to investigate questions and problems







processes and analyses data from a first-hand investigation and secondary sources to identify trends, patterns and relationships, and draw conclusions

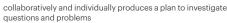
SC4-4WS

identifies questions and problems that can be tested or researched and makes predictions based on scientific knowledge

SC4-5WS (⇌) (⊕) (⊕) (♀) (□)

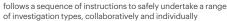






SC4-6WS (⇌) (⊕) (⊕)





SC4-7WS (a) (c) (%)





processes and analyses data from a first-hand investigation and secondary sources to identify trends, patterns and relationships, and draw conclusions

SC4-8WS



selects and uses appropriate strategies, understanding and skills to produce creative and plausible solutions to identified problems

SC4-9WS



presents science ideas, findings and information to a given audience using appropriate scientific language, text types and representations

SC4-4WS

identifies questions and problems that can be tested or researched and makes predictions based on scientific knowledge





collaboratively and individually produces a plan to investigate questions and problems



follows a sequence of instructions to safely undertake a range of investigation types, collaboratively and individually



processes and analyses data from a first-hand investigation and secondary sources to identify trends, patterns and relationships, and draw conclusions

sc4-8ws (⊕) (€)



selects and uses appropriate strategies, understanding and skills to produce creative and plausible solutions to identified problems



presents science ideas, findings and information to a given audience using appropriate scientific language, text types and representations

Stage 4 - Year 8 Curriculum alignment



States of Matter



Active Earth (Part 1): Rocks

SC4-16CW

describes the observed properties and behaviour of matter, using scientific models and theories about the motion and arrangement of particles

SC4-12ES

describes the dynamic nature of models, theories and laws in developing scientific understanding of the Earth and solar

Knowledge and Understanding

SC4-4WS

identifies questions and problems that can be tested or researched and makes predictions based on scientific knowledge













collaboratively and individually produces a plan to investigate questions and problems









processes and analyses data from a first-hand investigation and secondary sources to identify trends, patterns and relationships, and draw conclusions





selects and uses appropriate strategies, understanding and skills to produce creative and plausible solutions to identified problems







presents science ideas, findings and information to a given audience using appropriate scientific language, text types and representations

SC4-4WS

identifies questions and problems that can be tested or researched and makes predictions based on scientific knowledge









collaboratively and individually produces a plan to investigate questions and problems









follows a sequence of instructions to safely undertake a range of investigation types, collaboratively and individually









processes and analyses data from a first-hand investigation and secondary sources to identify trends, patterns and relationships, and draw conclusions



selects and uses appropriate strategies, understanding and skills to produce creative and plausible solutions to identified problems

SC4-9WS



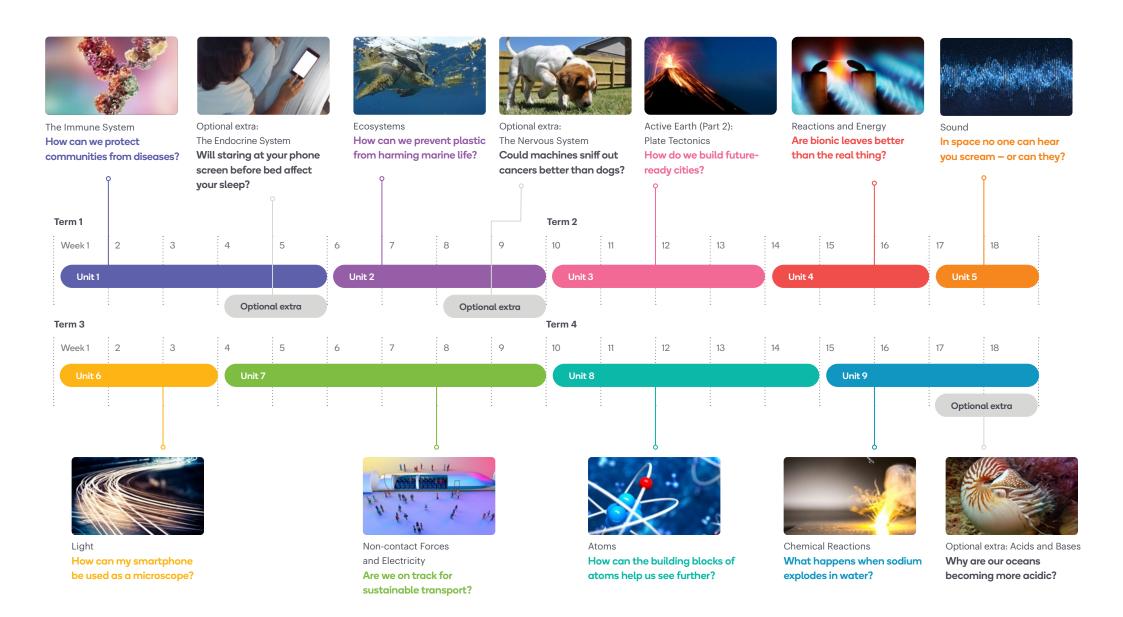


presents science ideas, findings and information to a given audience using appropriate scientific language, text types and representations

Stage 5 – Year 9 Scope & Sequence



Stile X booklets are available for all units shown except Student Research Project. With Stile X, you can offer support and extension for students in class or give them the tools to review and master knowledge independently.



language, conventions and representations

Stage 5 – Year 9 Curriculum alignment

language, conventions and representations

The Nervous System The Immune system **The Endocrine System Ecosystems** Unit 1 Optional Optional Unit 2 Knowledge and Understanding SC5-14LW SC5-14LW SC5-14LW SC5-14LW analyses interactions between components and processes within biological systems within biological systems within biological systems within biological systems This outcome is addressed in The Immune System, however The Endocrine This outcome is addressed in The Immune System, however The Nervous System has been included as an optional extra if you wish to examine System has been included as an optional extra if you wish to examine another example of coordinated and interdependent internal systems. another example of coordinated and interdependent internal systems. Skills SC5-6WS (© () () SC5-7WS (E) (C) (E) (E) SC5-4WS SC5-4WS develops questions or hypotheses to be investigated processes, analyses and evaluates data from first-hand invesundertakes first-hand investigations to collect valid and relidevelops questions or hypotheses to be investigated scientifically tigations and secondary sources to develop evidence-based able data and information, individually and collaboratively scientifically arguments and conclusions SC5-5WS ⊕ (⊕) (⊕) (⊕) (♣) SC5-5WS (⇌) (⊕) (⊕) (♀) (♀) SC5-7WS (E) (C) (V_B) (V_B) SC5-9WS () () () produces a plan to investigate identified questions, processes, analyses and evaluates data from first-hand invesproduces a plan to investigate identified questions, hypotheses or problems, individually and collaboratively hypotheses or problems, individually and collaboratively presents science ideas and evidence for a particular purpose tigations and secondary sources to develop evidence-based and to a specific audience, using appropriate scientific arguments and conclusions language, conventions and representations SC5-6WS (© () () SC5-6WS (⇌) (⊕) (♣) (♣) undertakes first-hand investigations to collect valid and reliundertakes first-hand investigations to collect valid and reliable data and information, individually and collaboratively able data and information, individually and collaboratively SC5-7WS (a) (c) (v_n) (x) SC5-7WS (a) (c) (%) processes, analyses and evaluates data from first-hand invesprocesses, analyses and evaluates data from first-hand investigations and secondary sources to develop evidence-based tigations and secondary sources to develop evidence-based arguments and conclusions arguments and conclusions SC5-8WS SC5-8WS A student applies scientific understanding and critical think-A student applies scientific understanding and critical thinking to suggest possible solutions to identified problems ing to suggest possible solutions to identified problems SC5-9WS (=) (%) (:k) SC5-9WS presents science ideas and evidence for a particular purpose presents science ideas and evidence for a particular purpose and to a specific audience, using appropriate scientific and to a specific audience, using appropriate scientific

Stage 5 – Year 9 Curriculum alignment



Active Earth (Part 2): Plate Tectonics



Reactions and Energy



Sound



Light

Knowledge and Understanding

SC5-12ES

describes changing ideas about the structure of the Earth and the universe to illustrate how models, theories and laws are refined over time by the scientific community

SC5-17CW

discusses the importance of chemical reactions in the production of a range of substances, and the influence of society on the development of new materials

SC5-10PW

applies models, theories and laws to explain situations involving energy, force and motion

SC5-10PW

applies models, theories and laws to explain situations involving energy, force and motion

SC5-4WS

develops questions or hypotheses to be investigated scientifically











produces a plan to investigate identified questions, hypotheses or problems, individually and collaboratively

SC5-7WS





processes, analyses and evaluates data from first-hand investigations and secondary sources to develop evidence-based arguments and conclusions





presents science ideas and evidence for a particular purpose and to a specific audience, using appropriate scientific language, conventions and representations

SC5-4WS

develops questions or hypotheses to be investigated scientifically











produces a plan to investigate identified questions, hypotheses or problems, individually and collaboratively









follows a sequence of instructions to safely undertake a range of investigation types, collaboratively and individually









processes, analyses and evaluates data from first-hand investigations and secondary sources to develop evidence -based arguments and conclusions

SC5-9WS





presents science ideas and evidence for a particular purpose and to a specific audience, using appropriate scientific language, conventions and representations

SC5-5WS (₹) (€) (₹) (₹)









produces a plan to investigate identified questions, hypotheses or problems, individually and collaboratively

SC5-7WS (E) (C) (T)







processes, analyses and evaluates data from first-hand investigations and secondary sources to develop evidence-based arguments and conclusions

SC5-6WS (⇌) (ඬ) (ඬ)





follows a sequence of instructions to safely undertake a range of investigation types, collaboratively and individually

SC5-7WS (a) (c) (c)



arguments and conclusions



processes, analyses and evaluates data from first-hand investigations and secondary sources to develop evidence-based

Stage 5 – Year 9 Curriculum alignment



Non-contact Forces and Electricity

Unit 8

Atoms

Unit 9

Chemical Reactions

Optional

Acids and Bases

SC5-11PW

explains how scientific understanding about energy conservation, transfers and transformations is applied in systems

SC5-16CW

explains how models, theories and laws about matter have been refined as new scientific evidence becomes available SC5-17CW

discusses the importance of chemical reactions in the production of a range of substances, and the influence of society on the development of new materials

SC5-17CW

discusses the importance of chemical reactions in the production of a range of substances, and the influence of society on the development of new materials

This outcome is addressed in the Chemical Reactions and Reaction Types units, however Acids and Bases has been included as an optional extra if you wish to examine acid-base reactions in the context of ocean acidification.

Skills

and Understanding

SC5-4WS

develops questions or hypotheses to be investigated scientifically









produces a plan to investigate identified questions hypotheses or problems, individually and collaboratively







processes, analyses and evaluates data from first-hand investigations and secondary sources to develop evidence-based arguments and conclusions





A student applies scientific understanding and critical thinking to suggest possible solutions to identified problems





presents science ideas and evidence for a particular purpose and to a specific audience, using appropriate scientific language, conventions and representations

SC5-7WS (E) (E) (N) (K)







processes, analyses and evaluates data from first-hand investigations and secondary sources to develop evidence-based arguments and conclusions







presents science ideas and evidence for a particular purpose and to a specific audience, using appropriate scientific language, conventions and representations

SC5-4WS

develops questions or hypotheses to be investigated scientifically









produces a plan to investigate identified questions, hypotheses or problems, individually and collaboratively









able data and information, individually and collaboratively

SC5-7WS (E) (C) (V)





processes, analyses and evaluates data from first-hand investigations and secondary sources to develop evidence-based arguments and conclusions





presents science ideas and evidence for a particular purpose and to a specific audience, using appropriate scientific language, conventions and representations

SC5-5WS (→ (□) (⊕) (□) (→ (□)









produces a plan to investigate identified questions, hypotheses or problems, individually and collaboratively

SC5-7WS (E) (E) (E) (E)





processes, analyses and evaluates data from first-hand investigations and secondary sources to develop evidence-based arguments and conclusions

SC5-9WS (E) (%) (1)



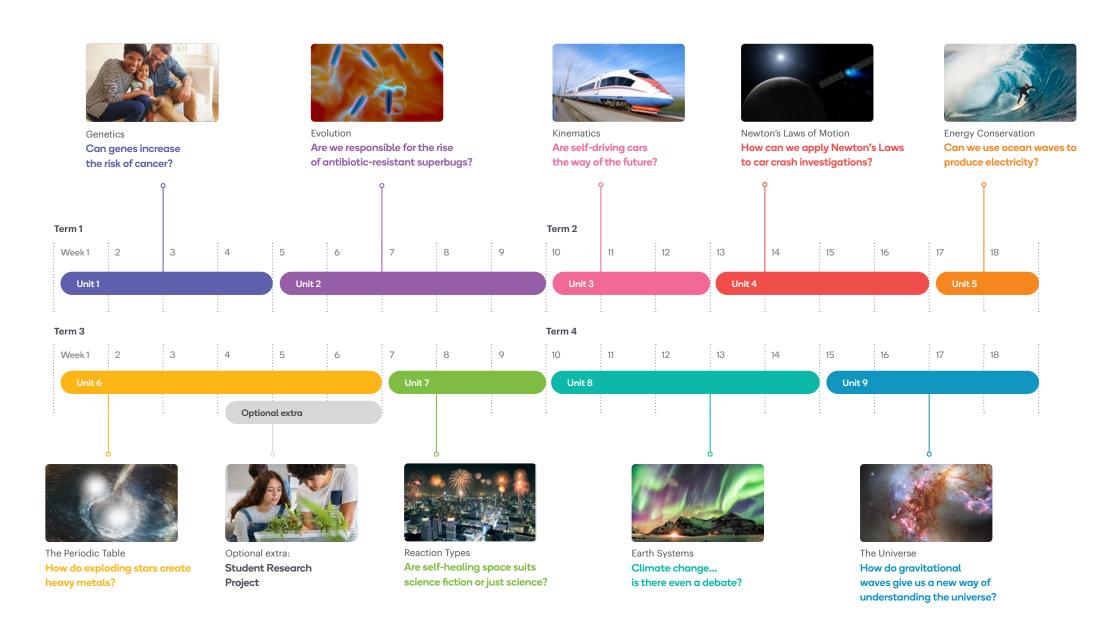


presents science ideas and evidence for a particular purpose and to a specific audience, using appropriate scientific language, conventions and representations

Stage 5 - Year 10 Scope & Sequence



Stile X booklets are available for all units in this scope and sequence. With Stile X, you can offer support and extension for students in class or give them the tools to review and master knowledge independently.



Stage 5 – Year 10 Curriculum alignment

Unit 1

Genetics

Unit 2

Evolution



Kinematics



Newton's Laws of Motion

SC5-15LW

explains how biological understanding has advanced through scientific discoveries, technological developments and the needs of society

SC5-15LW

explains how biological understanding has advanced through scientific discoveries, technological developments and the needs of society

SC5-10PW

applies models, theories and laws to explain situations involving energy, force and motion

SC5-10PW

applies models, theories and laws to explain situations involving energy, force and motion

Knowledge and Understanding

SC5-5WS (☐) (⑥) (☐) (☐) (☐)











produces a plan to investigate identified questions, hypotheses or problems, individually and collaboratively

SC5-6WS (⊋) (⊕) (⊕) (⊋)







undertakes first-hand investigations to collect valid and reliable data and information, individually and collaboratively

SC5-7WS





processes, analyses and evaluates data from first-hand investigations and secondary sources to develop evidence-based arguments and conclusions

SC5-9WS (() () ()





presents science ideas and evidence for a particular purpose and to a specific audience, using appropriate scientific language, conventions and representations

SC5-4WS

develops questions or hypotheses to be investigated scientifically







produces a plan to investigate identified guestions. hypotheses or problems, individually and collaboratively

SC5-6WS (=) (©) (%) (**)









undertakes first-hand investigations to collect valid and reliable data and information, individually and collaboratively

SC5-7WS (a) (c) (c)





processes, analyses and evaluates data from first-hand investigations and secondary sources to develop evidence-based arguments and conclusions

SC5-9WS (E) (%)



presents science ideas and evidence for a particular purpose and to a specific audience, using appropriate scientific language, conventions and representations

SC5-5WS (⊋) (⊕) (⊕) (♀) (□)









produces a plan to investigate identified questions, hypotheses or problems, individually and collaboratively

SC5-6WS (♣) (♣) (♣)







undertakes first-hand investigations to collect valid and reliable data and information, individually and collaboratively

SC5-7WS





processes, analyses and evaluates data from first-hand investigations and secondary sources to develop evidence-based arguments and conclusions

SC5-9WS



presents science ideas and evidence for a particular purpose and to a specific audience, using appropriate scientific language, conventions and representations

SC5-4WS

develops questions or hypotheses to be investigated scientifically



produces a plan to investigate identified questions. hypotheses or problems, individually and collaboratively

able data and information, individually and collaboratively





undertakes first-hand investigations to collect valid and reli-





processes, analyses and evaluates data from first-hand investigations and secondary sources to develop evidence-based arguments and conclusions



presents science ideas and evidence for a particular purpose and to a specific audience, using appropriate scientific language, conventions and representations

Stage 5 – Year 10 Curriculum alignment



Energy Conservation



The Periodic Table



Reaction Types



Earth Systems

Unit 9

The Universe

Knowledge and Understanding

SC5-11PW

explains how scientific understanding about energy conservation, transfers and transformations is applied in systems

SC5-16CW

explains how models, theories and laws about matter have been refined as new scientific evidence becomes available

SC5-17CW

discusses the importance of chemical reactions in the production of a range of substances, and the influence of society on the development of new materials

SC5-13ES

explains how scientific knowledge about global patterns of geological activity and interactions involving global systems can be used to inform decisions related to contemporary issues

SC5-12ES

describes changing ideas about the structure of the Earth and the universe to illustrate how models, theories and laws are refined over time. by the scientific community

SC5-7WS (E) (C) (F) (F)







processes, analyses and evaluates data from first-hand investigations and secondary sources to develop evidence-based arguments and conclusions



representations





presents science ideas and evidence for a particular purpose and to a specific audience, using appropriate scientific language, conventions and

SC5-5WS (=) (@) (%) (**)







produces a plan to investigate identified questions, hypotheses or problems, individually and collaboratively









undertakes first-hand investigations to collect valid and reliable data and information, individually and collaboratively





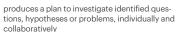


processes, analyses and evaluates data from first-hand investigations and secondary sources to develop evidence-based arguments and conclusions





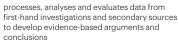


















presents science ideas and evidence for a particular purpose and to a specific audience, using appropriate scientific language, conventions and representations

SC5-4WS

develops questions or hypotheses to be investigated scientifically







produces a plan to investigate identified guestions, hypotheses or problems, individually and collaboratively





undertakes first-hand investigations to collect valid and reliable data and information, individually and collaboratively

SC5-7WS (a) (c) (c)





processes, analyses and evaluates data from first-hand investigations and secondary sources to develop evidence-based arguments and conclusions

SC5-9WS () () ()



presents science ideas and evidence for a particular purpose and to a specific audience, using appropriate scientific language, conventions and representations





produces a plan to investigate identified questions, hypotheses or problems, individually and collaboratively





processes, analyses and evaluates data from first-hand investigations and secondary sources to develop evidence-based arguments and conclusions



presents science ideas and evidence for a particular purpose and to a specific audience, using appropriate scientific language, conventions and representations



Supplementary resources



Acids and bases How can metals help us fight cancer?



Human Impacts on Ecosystems Are corals going extinct...again?



Optional extra: Plants How do predatory plants survive?

SC5-17CW

discusses the importance of chemical reactions in the production of a range of substances, and the influence of society on the development of new materials

SC5-14LW

analyses interactions between components and processes within biological systems

SC5-14LW

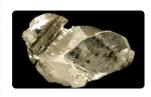
analyses interactions between components and processes within biological systems



The Endocrine System Will staring at your phone screen before bed affect your sleep?



Simple Machines How do machines make life easier?



Metals How do machines make life easier?

SC5-14LW

SC5-10PW

analyses interactions between components and processes within biological systems

SC4-10PW

describes the action of unbalanced forces in everyday situations

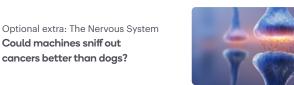
SC4-17CW

explains how scientific understanding of, and discoveries about the properties of elements, compounds and mixtures relate to their uses in everyday life



Radiation Why is cosmic radiation so dangerous?





Optional extra: The Nervous System How can your gut influence your mood?

applies models, theories and laws to explain situations involving energy, force and

SC5-14LW

analyses interactions between components and processes within biological systems

Supplementary resources



Escape rooms

Engage your students
in fun scientific puzzles



Women in STEM career profiles Explore a range of careers in STEM



Science news lessons
Real-world science
based on the news



Skill builders Lessons to boost your students' science inquiry skills



Student research project
Lessons designed to teach students
how to complete scientific research





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Swing by the office to say hi!
Level 5, 128 Exhibition Street, Melbourne, Victoria

Stile HQ is located on the traditional lands of the Boon Wurrung and Woiwurrung (Wurundjeri) peoples of the Kulin Nation. We acknowledge that sovereignty was never ceded and pay our respects to Elders past, present and future.