# Quick links to Connected Learning Experiences (CLEs):

Connected Learning Experiences (CLEs) are curriculum resources designed to support teachers implement learning experiences linked to the Australian Curriculum: Science that embody an inquiry approach to scientific investigations of natural phenomena. CLEs are comprehensive resources providing teacher background information, lesson plans, digital resources such as video clips and interactive simulations, student workbooks and support for assessment of student learning outcomes.

## CLEs by year level

**Year F**  [Weather watch](https://assist.asta.edu.au/resource/3789/weather-watch-cle-foundation?search-id=8f0fb16)

[Make it move](https://assist.asta.edu.au/resource/4179/make-it-move-year-f-cle?search-id=8f0fb16)

**Year 1**  [Sound and hearing](https://assist.asta.edu.au/resource/2977/sound-and-hearing-year-1-cle?search-id=817d530)

[Plasticine investigators](https://assist.asta.edu.au/resource/2977/sound-and-hearing-year-1-cle?search-id=817d530)

[Animal habitats](https://assist.asta.edu.au/resource/4099/animal-habitats-cle-year-1?search-id=8f0fb16)

**Year 2**  [Indigenous spinning tops](https://assist.asta.edu.au/resource/4138/indigenous-spinning-tops-year-2-cle?search-id=8f0fb16)

**Year 3**  [The Penguin Project](https://assist.asta.edu.au/resource/2984/penguin-project-year-3-cle?search-id=817d530) (with differentiated learning tasks)

**Year 4**  [Magnetism and electrostatics](https://assist.asta.edu.au/resource/3436/magnetism-and-electrostatics-year-4-cle?search-id=dfe3aa2)

[Changing landscapes](https://assist.asta.edu.au/resource/4184/changing-landscapes-year-4-cle?search-id=8f0fb16)

[Egg bungee jump](https://assist.asta.edu.au/resource/4151/egg-bungee-jump-year-4-cle?search-id=8f0fb16)

**Year 5**  [Space explorers](https://assist.asta.edu.au/resource/3972/space-explorers-cle-year-5?search-id=dfe3aa2)

[Space tourism](https://assist.asta.edu.au/resource/4173/space-tourism-year-5-cle?search-id=8f0fb16)

[Is there too much air in chip packets?](https://assist.asta.edu.au/resource/4188/there-too-much-air-chip-packets-year-5-cle?search-id=8f0fb16)

**Year 6** [Biodiversity study](https://assist.asta.edu.au/resource/3527/biodiversity-study-year-6-cle?search-id=8f0fb16)

**Year 7** [Dark side of the moon](https://assist.asta.edu.au/resource/3469/dark-side-moon-year-7-cle?search-id=dfe3aa2)

[Feeding relationships](https://assist.asta.edu.au/resource/4154/feeding-relationships-year-7-cle?search-id=8f0fb16)

**Year 8**  [Forms of energy](https://assist.asta.edu.au/resource/4080/forms-energy-cle-year-8?search-id=dfe3aa2)

[The digestive system](https://assist.asta.edu.au/resource/3940/digestive-system-cle-year-8?search-id=dfe3aa2)

[The rock cycle](https://assist.asta.edu.au/resource/4100/rock-cycle-cle-year-8?search-id=8f0fb16)

[Tasty science](https://assist.asta.edu.au/resource/4177/tasty-science-year-8-cle?search-id=8f0fb16)

**Year 9**  [Popcorn, pikelets and chemical reactions](https://assist.asta.edu.au/resource/4095/popcorn-pikelets-and-chemical-reactions-cle-year-9?search-id=8f0fb16)

**Year 10** [Back and forth](https://assist.asta.edu.au/resource/3637/back-and-forth-cle-year-10?search-id=dfe3aa2)

[Chemical reactions](https://assist.asta.edu.au/resource/4026/chemical-reactions-cle-year-10?search-id=dfe3aa2)

[Egg bungee jump](https://assist.asta.edu.au/resource/2985/egg-bungee-jump-year-10-cle?search-id=817d530)

[Expansion of the universe](https://assist.asta.edu.au/resource/2986/expansion-universe-year-10-cle?search-id=817d530)

[Investigating patterns of inheritance](https://assist.asta.edu.au/resource/3199/investigating-patterns-inheritance-year-10-cle?search-id=dfe3aa2) (with tasks for gifted and talented students)

[Reaction rates](https://assist.asta.edu.au/resource/3177/reaction-rates-year-10-cle?search-id=817d530)

## CLEs by the Australian Curriculum: Science Understanding strand

### Biological sciences

**Year 1** [Animal habitats](https://assist.asta.edu.au/resource/4099/animal-habitats-cle-year-1?search-id=8f0fb16)

**Year 6** [Biodiversity study](https://assist.asta.edu.au/resource/3527/biodiversity-study-year-6-cle?search-id=8f0fb16)

**Year 7** [Feeding relationships](https://assist.asta.edu.au/resource/4154/feeding-relationships-year-7-cle?search-id=8f0fb16)

**Year 8** [The digestive system](https://assist.asta.edu.au/resource/3940/digestive-system-cle-year-8?search-id=dfe3aa2)

[Tasty science](https://assist.asta.edu.au/resource/4177/tasty-science-year-8-cle?search-id=8f0fb16)

**Year 10** [Investigating patterns of inheritance](https://assist.asta.edu.au/resource/3199/investigating-patterns-inheritance-year-10-cle?search-id=dfe3aa2) (with tasks for gifted and talented students)

### Chemical sciences

**Year 1** [Plasticine investigators](https://assist.asta.edu.au/resource/2977/sound-and-hearing-year-1-cle?search-id=817d530)

**Year 4** [Egg bungee jump](https://assist.asta.edu.au/resource/4151/egg-bungee-jump-year-4-cle?search-id=8f0fb16)

**Year 5** [Is there too much air in chip packets?](https://assist.asta.edu.au/resource/4188/there-too-much-air-chip-packets-year-5-cle?search-id=8f0fb16)

**Year 9**  [Popcorn, pikelets and chemical reactions](https://assist.asta.edu.au/resource/4095/popcorn-pikelets-and-chemical-reactions-cle-year-9?search-id=8f0fb16)

**Year 10** [Chemical reactions](https://assist.asta.edu.au/resource/4026/chemical-reactions-cle-year-10?search-id=dfe3aa2)

[Reaction rates](https://assist.asta.edu.au/resource/3177/reaction-rates-year-10-cle?search-id=817d530)

### Earth and space sciences

**Year 4** [Changing landscapes](https://assist.asta.edu.au/resource/4184/changing-landscapes-year-4-cle?search-id=8f0fb16)

**Year 5**  [Space explorers](https://assist.asta.edu.au/resource/3972/space-explorers-cle-year-5?search-id=dfe3aa2)

**Year 7** [Dark side of the moon](https://assist.asta.edu.au/resource/3469/dark-side-moon-year-7-cle?search-id=dfe3aa2)

**Year 8** [The rock cycle](https://assist.asta.edu.au/resource/4100/rock-cycle-cle-year-8?search-id=8f0fb16)

**Year 10** [Expansion of the universe](https://assist.asta.edu.au/resource/2986/expansion-universe-year-10-cle?search-id=817d530)

### Physical sciences

**Year F**  [Weather watch](https://assist.asta.edu.au/resource/3789/weather-watch-cle-foundation?search-id=8f0fb16)

[Make it move](https://assist.asta.edu.au/resource/4179/make-it-move-year-f-cle?search-id=8f0fb16)

**Year 1**  [Sound and hearing](https://assist.asta.edu.au/resource/2977/sound-and-hearing-year-1-cle?search-id=817d530)

**Year 2**  [Indigenous spinning tops](https://assist.asta.edu.au/resource/4138/indigenous-spinning-tops-year-2-cle?search-id=8f0fb16)

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**Year 8**  [Forms of energy](https://assist.asta.edu.au/resource/4080/forms-energy-cle-year-8?search-id=dfe3aa2)

**Year 10** [Back and forth](https://assist.asta.edu.au/resource/3637/back-and-forth-cle-year-10?search-id=dfe3aa2)

[Egg bungee jump](https://assist.asta.edu.au/resource/2985/egg-bungee-jump-year-10-cle?search-id=817d530)

## CLEs by the Australian Curriculum: Science as a Human Endeavour strand

**Year 5**  [Space tourism](https://assist.asta.edu.au/resource/4173/space-tourism-year-5-cle?search-id=8f0fb16)