

CSF Learning Outcomes Level 3 and 4

Links with the Curriculum and Standards Framework

By developing a topic on energy or including energy, a wide range of Learning Outcomes from seven Key Learning Areas (The Arts, English, Health and PE, Mathematics, Science, SOSE and Technology) can be easily achieved.

LEVEL 3

KLA / Strand / Learning Outcome	Learning outcome code
THE ARTS	
Performing arts Arts practice – ideas, skills, techniques and processes Make and present performing arts works, using a range of performing arts elements, skills, techniques and processes.	ARPA0301
Visual arts Arts practice – ideas, skills, techniques and processes Make and present visual arts works, using a range of visual arts elements, skills, techniques and processes.	ARVA0301
ENGLISH	
Speaking and listening Texts Listen to and produce a small range of spoken texts that deal with familiar ideas and information.	ENSL0301
Reading Texts Read and respond to a small range of texts with familiar ideas and information, and some unfamiliar vocabulary and textual features.	ENRE0301
Writing Texts Write texts that convey intended ideas and information, using a small range of text types.	ENWR0301
HEALTH AND PE	
Health of individuals and populations Explain ways in which people can improve physical and social environments or personal behaviours to enhance health and safety.	HPIP0301
MATHEMATICS	
Space Space and shape Use simple conventional spatial language when describing shapes, parts of shapes, objects, parts of objects and simple cross-sections.	MASPS302
Space Space and shape Interpret, recognise and name three-dimensional objects from drawings and photographs and make recognisable models and sketches of simple shapes and objects.	MASPS305
Space Location Use and understand conventional location language to follow and give directions and describe position.	MASPL301
Number Computation and applying number	MANUC301

KLA / Strand / Learning Outcome	Learning outcome code
Use knowledge of place-value to solve and record solutions to addition, subtraction, multiplication and division problems.	
Measurement Measuring and estimating Make increasingly accurate estimates of measurements using informal units and standard units.	MAMEM301
Measurement Measuring and estimating Estimate and accurately measure length, mass, volume and temperature using formal units and standard units.	MAMEM303
Measurement Time Estimate short and long periods of time, describe duration of time, and make and use timetables, schedules and calendars.	MAMET301
Measurement Time Tell the time using digital and analogue clocks.	MAMET302
Chance and data Posing questions and collecting data Identify information required to answer questions or test conjectures, refining the questions where necessary.	MACDP301
Chance and data Posing questions and collecting data Determine appropriate procedures to collect information relevant to questions and conjectures of interest.	MACDP302
Chance and data Summarising and presenting data Use graphical methods involving scale to display discrete and continuous data.	MACDS301
Chance and data Summarising and presenting data Use graphical methods involving scale to display discrete and continuous data.	MACDS303
Chance and data Interpreting data Describe and interpret data displayed in simple scaled graphs.	MACDI302
SCIENCE	
Biological science Living together: past, present and future Describe environmental factors that affect the survival of living things.	SCBS0301
Physical science Energy and its uses Identify transformations of energy involving electricity, light, sound, heat and movement.	SCCS0302
SOSE	
Society and environment Australia's people and places Examine the rights and responsibilities of individuals and groups within the Australian community.	SOSE0302
Society and environment Australia's people and places Compare how people use environments in Australia.	SOSE0303
TECHNOLOGY	
Materials and movement Compare the characteristics and uses of three common materials.	TEMM0301

LEVEL 4

KLA / Strand / Learning Outcome	Learning outcome code
THE ARTS	
Art Arts practice – ideas, skills, techniques and processes Demonstrate the ability to experiment with ideas in making and presenting art works.	ARAR0401
Dance Arts practice – ideas, skills, techniques and processes Demonstrate the ability to experiment with ideas in making and presenting dances.	ARDA0401
Drama Arts practice – ideas, skills, techniques and processes Demonstrate the ability to experiment with ideas in making and presenting drama.	ARDR0401
Media Arts practice – ideas, skills, techniques and processes Demonstrate skill in manipulating media elements.	ARME0402
Music Arts practice – ideas, skills, techniques and processes Demonstrate the ability to experiment with ideas in making and presenting music.	ARMU0401
ENGLISH	
Speaking and listening Texts Listen to and produce a range of spoken texts that deal with some unfamiliar ideas and information.	ENSL0401
Reading Texts Read and interpret a range of texts containing some unfamiliar ideas and information.	ENRE0401
Writing Texts Use a range of text types to write about some unfamiliar ideas and information, providing supporting detail.	ENWR0401
HEALTH AND PE	
Health of individuals and populations Plan and implement strategies to promote personal and environmental health and safety.	HPIP0402
MATHEMATICS	
Space Location Interpret formal maps and make detailed maps and plans.	MASPL404
Space Location Use a simple scale (for example, 1 centimetre for each metre) when making, interpreting and using maps and plans.	MASPL405
Measurement Measuring and estimating Choose attributes and standard units appropriate to the task.	MAMEM401
Measurement Measuring and estimating Draw and construct objects using accurate measurements.	MAMEM402
Measurement Measuring and estimating Use measuring instruments, reading simple scales and measuring accurately to the nearest marked gradation, taking into account the degree of exactness required.	MAMEM404
Measurement	MAMET401

KLA / Strand / Learning Outcome	Learning outcome code
Time Use and construct timetables and use and analyse calendars.	
Chance and data Posing questions and collecting data Design and prepare surveys and experiments to answer questions or test conjectures and predictions.	MACDP401
Chance and data Posing questions and collecting data Collect and record data systematically.	MACDP402
Chance and data Summarising and presenting data Prepare visual displays of discrete and continuous (measurement) data using a range of graphical methods.	MACDS402
Chance and data Summarising and presenting data Compare, order and summarise data sets using simple numerical methods.	MACDS403
Chance and data Interpreting data Extract and interpret numerical information contained in tables, data displays and databases.	MACDI401
Chance and data Interpreting data Interpret, discuss and compare data displays, including how well they communicate information.	MACDI402
SCIENCE	
Biological science Living together: past, present and future Identify relationships between living things which help them survive in their habitat.	SCBS0401
Physical science Energy and its uses Design, build and describe the operation of simple devices that transfer or transform energy.	SCPS0401
SOSE	
Geography Describe the distribution of population in Australia and explain changing patterns of land use.	SOGE0402
Geography Analyse different views about the use and care of Australian places.	SOGE0403
Economy and society Explain how economic decision making affects the use of resources.	SOES0401
Economy and society Explain how and why local rules and laws are made and changed.	SOES0402
TECHNOLOGY	
Materials Explain how the specific characteristics of materials affect functional and aesthetic design requirements.	TEMA0401
Information Develop preferred solutions to information problems experienced by various audiences, using a range of information technology skills, processes and equipment.	TEIN0402