

sustainability



Early Stage One

ENGLISH

ENe-1A communicates with peers and known adults in informal and guided activities demonstrating emerging skills of group interaction

- listen to and respond orally to the camping trip story in informal and structured classroom situations
- engage with and respond to a story for enjoyment and pleasure

ENe-8B demonstrates emerging skills and knowledge of texts to read and view, and shows developing awareness of purpose, audience and subject matter

- engage with shared stories and join in shared book activities about the camping trip

ENe 10C thinks imaginatively and creatively about familiar topics, simple ideas and the basic features of texts when responding to and composing texts

- respond to a sustainability visual media through conversation and range of imaginative and creative texts, including visual media
- share feelings and thoughts about the events and characters in a sustainability text

ENe 11D responds to and composes simple texts about familiar aspects of the world and their own experiences

- respond using simple actions to a sustainability text about their own and their family's actions

SCIENCE

STe 1WS- 1 observes, questions and collects data to communicate ideas

- responding to questions about the environment
- using role play to share observations and idea on how to be sustainable

STe 2DP-T - develops solutions to an identified need

- share observations and ideas of how to be more sustainable
- engage in discussions about observations
- consider and discuss the impact of a design solution within an environment

STe-3LW-ST explores the characteristics, needs and uses of living things

- recognise that plants and animals can be used as food, or materials (fibres) for clothing and shelter

STe 4MW-ST identifies that objects are made of materials that have observable properties

- identify and describe how the properties of different materials suit their purpose
- observe and describe some properties of a range of materials
- explore the use of materials in the built environment based on their properties

STe-6ES-S identifies how daily and seasonal changes in the environment affect humans and other living things

- identify how plants and animals respond to changes in the environment
- identify daily and seasonal changes that occur in our environment
- observe, ask questions about and describe changes in objects and events
- explore how living things respond to regular changes in their environment

HSIE

GEe-1 - identifies places and develops an understanding of the importance of places to people

- describes ways in which people can care for their environment
- explanation of why people need to take care of places

KLA: CREATIVE ARTS

DRAES1.3 Dramatises personal experiences using movement, space and objects.

- Responds to visual stimuli by acting out a character's predicted actions
- uses movement to assist in portraying roles and situations in symbolic play

DRAES1.1 Uses imagination and the elements of drama in imaginative play and dramatic situations.

- participates in imaginative play by taking on basic roles, e.g. camping trip

Stage One

ENGLISH

EN1 1A - communicates with a range of people in informal and guided activities demonstrating interaction skills and considers how own communication is adjusted in different situations

- use role-play and drama to represent familiar events e.g. camping trip

EN1-7B identifies how language use in their own writing differs according to their purpose, audience and subject matter

- make inferences about character motives, actions, qualities and characteristics when responding to the camping trip story

EN1 10C thinks imaginatively and creatively about familiar topics, ideas and texts when responding to and composing texts

- predict and discuss ideas drawn from pictures concerning sustainability and behaviour change.
- use creative and imaginative features in role-play and drama

EN1-11D responds to and composes a range of texts about familiar aspects of the world and their own experiences

- respond to a range of texts, that include issues about their world, including home life and the wider community

SCIENCE

ST1 2D-T - uses materials, tools and equipment to develop solutions for a need or opportunity

Students produce solutions to sustainability issues by:

- suggesting simple steps for production
- using a range of everyday tools, equipment, materials and techniques
- working cooperatively and safely

Students evaluate sustainable practices by:

- explaining the strengths and limitations of what they did and what could have been done differently to improve the solution
- identifying how their solution meets the needs and wants of users/audiences

ST1-4LW-S describes observable features of living things and their environments

ST1-5LW-S identifies how plants and animals are used for food and fibre products

- recognise that people use science and technology in their daily lives, including when caring for their environment and living things
- identify some plants and animals that are grown and used for food production
- investigate ways people use scientific and technological knowledge and skills to sustainably grow plants and animals to produce fibre for clothing and/or shelter

ST1-7MW-T describes how the properties of materials determine their use

- evaluate a product, demonstrating understanding of the suitability of materials for a purpose
- identify the positive and negative impact of a design solution within an environment

ST1-8PW-S describes common forms of energy and explores some characteristics of sound energy

ST1-9PW-ST investigates how forces and energy are used in products

- identify sound, light, heat, electricity and movement as forms of energy
- explore how technologies use forces to create movement in products
- design and develop a product that uses one or more forms of energy to create change

ST1-10ES-S recognises observable changes occurring in the sky and on the land and identifies Earth's resources

- identify and explore the use of a variety of Earth's resources including water and soil
- plan and implement strategies considering conservation of resources to address sustainability and to meet personal and/or community needs, for example: turning off dripping taps, turning off unnecessary lights, reusing/recycling campaigns
- share their observations and ideas about the ways that resources are used by people in their daily lives
- identify how seasonal changes in our daily lives affect living things

HSIE

GE1-2 identifies ways in which people interact with and care for places

- consideration of how a place can be cared for e.g. a park, farm, beach, bushland
- identify ways in which people's interactions with the environment can change that environment
- suggest ways of caring for sites, features, places and environments to which they can contribute

CREATIVE ARTS

DRAS1.1 Takes on roles in drama to explore familiar and imagined situations.

- Is able to draw inspiration and communicate sustainable practices through acting

PDHPE

PD1-9 demonstrates self-management skills in taking responsibility for their own actions

- describe choices and factors that have an impact on their own and others' health and safety, e.g. pollution, water
- implement sustainable practices in the classroom to improve the health and wellbeing of the class

Stage Two

ENGLISH

EN2 6B identifies the effect of purpose and audience on spoken texts, distinguishes between different forms of English and identifies organisational patterns and features

- listen to and contribute to conversations and discussions to share information and ideas and negotiate in collaborative situations

EN2-8B identifies and compares different kinds of texts when reading and viewing and shows an understanding of purpose, audience and subject matter

- identify and interpret the different forms of visual information, including images



SCIENCE

ST2-2DP-T - selects and uses materials, tools and equipment to develop solutions for a need or opportunity

- using creative thinking techniques students construct actions they can undertake to be sustainable
- exploring design situations and/or existing solutions relevant to the needs and wants of themselves and others

ST2-7MW-T investigates the suitability of natural and processed materials for a range of purposes

- investigate how the properties of natural and processed materials influence their suitability and use in products, services and/or environments
- develop a design solution for an identified need or opportunity, using a variety of tools and materials that considers factors such as sustainability and time

ST2-10ES-S investigates regular changes caused by interactions between the Earth and the Sun, and changes to the Earth's surface

- identify that scientific knowledge helps people understand the effect of their actions
- investigate why the Earth's surface and water changes over time as a result of natural processes and human activity
- identify the Sun as a major source of energy

KLA: HSIE

GE2-3 examines differing perceptions about the management of places and environments

GE2-2 describes the ways people, places and environments interact

- investigate sustainable practices that protect environments
- discussion of ways waste can be managed sustainably
- investigate how the protection of our environment is influenced by people's perception of places
- discussion of how weather contributes to the resources we have access to and use
- evaluate the necessity of caring for our environment
- present alternatives to, and consequences of, using non-renewable resources in particular ways
- investigate the importance of natural vegetation and natural resources to the environment, animals and people, for example
- explanation of the importance of natural vegetation to animals and the functioning of the environment eg provision of habitats, production of oxygen
- discussion of the importance of natural vegetation and natural resources to people eg provision of food, medicine, fuel, timbers, fibres, metals

Stage Three

ENGLISH

EN3-3A uses an integrated range of skills, strategies and knowledge to read, view and comprehend a wide range of texts in different media and technologies

- compare texts that represent ideas in different ways, explaining the effects of the different approaches
- use comprehension strategies to interpret and analyse information and ideas, comparing content

SCIENCE

ST3-4LW-S examines how the environment affects the growth, survival and adaptation of living things

ST3-5LW-T explains how food and fibre are produced sustainably in managed environments for health and nutrition

- describe how changing physical conditions in the environment affect the growth and survival of living things
- understand that scientific and technological knowledge is used to solve problems and inform personal and community decisions
- explore examples of managed environments used to produce food and fibre,
- investigate how and why food and fibre are produced in managed environments
- identify and sequence the process of converting 'on-farm' food and fibre products into a product suitable for retail sale
- investigate how people in design and technological occupations address considerations, including sustainability, in the design of products, services and environments for current and future use

ST3-7MW-T explains how the properties of materials determines their use for a range of purposes

- investigate characteristics and properties of a range of materials and evaluate the impact of their use
- identify and evaluate the functional and structural properties of materials
- critique needs or opportunities for designing using sustainable materials

ST3 1WS-S - plans and conducts scientific investigations to answer testable questions, and collects and summarises data to communicate conclusions

- applying experience from similar situations in the past to predict what might happen in a new situation

KLA: HSIE

GE3-2 explains interactions and connections between people, places and environments

GE3-2 compares and contrasts influences on the management of places and environments

- identification of ways people influence places and contribute to sustainability
- description of who organises and manages places e.g. local council
- investigate the ways people change the natural environment
- investigate how the natural environment influences people and places

HT1.1 identifies and describes significant people, events, places and sites in the local community over time

- identify a site or part of the natural environment in the local community and discuss why they are considered important

KLA: PDHPE

PD3-7 proposes and implements actions and protective strategies that promote health, safety, wellbeing and physically active spaces

- identify situations where personal choices can influence their own and others' health