Project GO

Curriculum Connections – Australian Curriculum (Queensland – ACiQ)

Primary Program (Years P–6)

SCIENCE

Science Understanding – Earth and Space / Biological Sciences

- ACSSU002 / ACSSU032 – Objects are made of materials that have observable properties; different materials can be changed physically.
- ACSSU031 – Living things depend on each other and the environment to survive.
- ACSSU046 / ACSSU075 – Natural and processed materials have different properties that influence their use.
- ACSSU078 – Earth's resources are used in a variety of ways; human activity affects their availability.
- ACSSU094 – Changes to materials can be reversible or irreversible.
  Science as a Human Endeavour / Science Inquiry Skills
- ACSHE021 / ACSHE062 / ACSHE083 – Science helps people understand the effects of their actions on the environment and develop sustainable solutions.
- ACSIS057 / ACSIS086 – Pose questions, plan investigations, and communicate findings using data and evidence.

GEOGRAPHY (HASS)

- ACHASSK089 – The importance of environments to animals and people, and the different views about how they can be cared for.
- ACHASSK090 – The impact of people's choices on the sustainability of the environment.
- ACHASSK120 – The influence of human activity on the characteristics of places.
- ACHASSK121 – The role of communities in taking action to sustain the environment.

TECHNOLOGIES

- ACTDEK010 – Investigate how materials, systems and components can be sustainably managed.
- ACTDEP014 / ACTDEP026 – Generate, test and communicate design ideas and decisions for sustainable futures.
- ACTDEK019 – Explain how forces, energy and resources can be used sustainably to produce designed solutions.

HEALTH AND PHYSICAL EDUCATION (HPE)

- ACPPS020 – Recognise actions that help make the classroom, school and community healthy, safe and active.
- ACPPS038 – Investigate community resources and practices that support health, safety and wellbeing.
- ACPPS056 – Plan and practise strategies to promote environmental responsibility and positive community participation.

THE ARTS (DRAMA AND VISUAL ARTS)

- ACADRM031 / ACADRM049 – Explore dramatic action, ideas and roles in imagined and real situations (e.g., waste management scenarios).
- ACAVAM111 / ACAVAM115 – Use visual conventions to represent ideas about sustainability, recycling and community action.

Secondary Program (Years 7–9)

SCIENCE

- ACSSU116 – Interactions between organisms can be described in terms of food chains and food webs, and human activity can affect these.
- ACSSU155 – Changes to materials and energy transfers underpin recycling and composting systems.
- ACSHE120 / ACSHE135 – Scientific knowledge and technological advances inform sustainable practices.
- ACSIS139 / ACSIS172 – Plan and conduct investigations, analyse patterns, and communicate evidence-based conclusions.

GEOGRAPHY (HASS)

- ACHGK064 – The effects of human alteration of biomes on the environment and food security.
- ACHGK073 – Human responses to environmental challenges to manage waste sustainably.
- ACHGK074 – Environmental worldviews and management strategies influence resource use.
- ACHGK075 – The role of innovation and civic action in achieving sustainable outcomes.

TECHNOLOGIES

- ACTDEK034 – Analyse ways in which products and services are designed with sustainability in mind.
- ACTDEP036 / ACTDEP038 – Develop, test and evaluate designed solutions to reduce waste or recover resources.
- ACTDEK040 – Investigate the environmental impacts of materials and energy use.

HEALTH AND PHYSICAL EDUCATION

- ACPPS072 – Evaluate community strategies and programs that support environmental health and wellbeing.
- ACPPS074 – Investigate personal and social responsibility in creating safe and sustainable environments.

THE ARTS

- ACADRM040 / ACADRM047 – Develop performance ideas that explore social and environmental themes.
- ACAVAM125 / ACAVAM128 – Create artworks that communicate sustainability concepts and ethical choices.

GENERAL CAPABILITIES

- **Literacy** – Develop and use vocabulary related to waste, recycling, and sustainability; interpret visual data and environmental texts.
- **Critical and Creative Thinking** – Identify problems, analyse systems, and design innovative solutions for waste reduction.
- **Personal and Social Capability** – Collaborate on class and community initiatives, take responsibility for sustainable actions.
- **Ethical Understanding** – Examine values and explore ethical principles related to sustainability, waste, and responsibility.

CROSS-CURRICULUM PRIORITIES

- **Sustainability** – Understand the interdependence between humans, the environment, and resource systems; act to improve sustainability outcomes.
- **Aboriginal and Torres Strait Islander histories and cultures** – Recognise First Nations perspectives on caring for Country, cyclical resource use, and stewardship principles.

FOCUS AREAS

- **STEM** – Scientific inquiry, systems thinking, materials science, and environmental engineering.
- **Civic Participation** – Understanding the role of individuals and councils in sustainable waste management.
- **Environmental Education** – Comprehending decomposition, organic recovery, and local ecosystem health.
- **Leadership and Behaviour Change** – Empowering students as “GO Game Changers” to model responsible community behaviour.