LESSON 4

TERM FOUR

APPLICATION OF CITIZEN SCIENCE SKILLS

- Learning Objectives
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Learning Objectives

At the end of the lesson, students will be able to:

(1) Demonstrate their skills as a citizen scientist by instigating social change at their local wetland and promoting conservation.

Background Information: Instigating Social Change for Conservation

Instigating social change for conservation means taking positive actions to protect our environment and the living creatures that share our planet. It involves raising awareness about environmental issues, promoting sustainable practices, and inspiring others to join efforts in preserving our natural world.

Instigating social change for conservation is about actively participating in activities that help safeguard the Earth. It includes making choices that benefit the environment, encouraging others to do the same, and working together to address environmental challenges.

How you can be involved -

- **Learn About Conservation:** Understand the importance of protecting the environment. Learn about endangered species, ecosystems, and the impact of human activities on nature.

- **Raise Environmental Awareness:** Share what you've learned with friends, family, and classmates. Create posters or presentations to inform others about the importance of conservation and how they can contribute.

- **Practice Sustainable Habits:** Adopt eco-friendly practices in your daily life. Reduce, reuse, and recycle. Conserve water and energy. These small actions collectively contribute to a healthier planet.

- **Advocate for Nature:** Use your voice to advocate for the protection of natural spaces. Speak up in class discussions, write letters to local leaders, and encourage others to support conservation efforts.

- **Connect with Conservation Organisations:** Research and connect with local or global conservation organisations. Understand their goals and find out how you can support their initiatives or even volunteer your time.

- **Educate Others:** Share information about endangered species, ecosystems, and conservation issues. Educate your peers about the importance of preserving biodiversity and the role each person plays in conservation.

Why is it important?

By actively participating in conservation efforts, individuals contribute to the preservation of biodiversity, the protection of ecosystems, and the overall well-being of our environment. Every action taken to conserve nature, no matter how small, helps build a sustainable and resilient future for our planet.

Classroom Activity

ACTIVITY

(1) Students research local policies which relate to their local wetland.

(2) Students come up with an idea to create or make a change that supports the conservation of turtles and their local wetland.

(3) Students write a letter to their local council, advising them of their findings across the year (water quality, water bugs, NNPS, turtle sightings/nesting and suitable habitat). Students propose ways to council that could benefit turtle species and their local wetland.

Australian Curriculum addressed in this Lesson

Science

Strand: Science inquiry (Year 5)
Sub-strand: Communicating

AC9S5I06: write and create texts to communicate ideas and findings for specific purposes and audiences, including selection of language features, using digital tools as appropriate.

Strand: Science inquiry (Year 6)
Sub-strand: Communicating

AAC9S6I06: write and create texts to communicate ideas and findings for specific purposes and audiences, including selection of language features, using digital tools as appropriate.

English

Strand: Literacy (Year 5)
Sub-strand: Creating texts

AC9E5LY06: plan, create, edit and publish written and multimodal texts whose purposes may be imaginative, informative and persuasive, developing ideas using visual features, text structure appropriate to the topic and purpose, text connectives, expanded noun groups, specialist and technical vocabulary, and punctuation including dialogue punctuation.

Strand: Literacy (Year 6)
Sub-strand: Creating texts

AC9ELY06: plan, create, edit and publish written and multimodal texts whose purposes may be imaginative, informative and persuasive, using paragraphs, a variety of complex sentences, expanded verb groups, tense, topic-specific and vivid vocabulary, punctuation, spelling and visual features.