Activity 1: Tiny world art

Year level
Year 3 and 4

Overview
Students create tiny world art to represent the coral crab chasing away the crown-of-thorns starfish.

Outcome
Students learn interactively how natural reef animals, such as the coral crab, can keep natural reef threats in check, and why human intervention can be beneficial when the Reef is under threat from other influences.

Materials
- Household items which can double as miniature items, such as celery tops, broccoli and twigs
- Plasticine
- Camera

What to do
   YouTube: Guard crabs defend coral home from crown of thorns starfish (0:56mins) https://www.youtube.com/watch?v=9gpEcFrgE_U
   YouTube: This crab doesn’t take kindly to home intruders (1:26mins) https://www.youtube.com/watch?v=lyU27qG9168
4. Students build a tiny world art piece using broccoli, cauliflower, celery with leaves or other items to creatively represent the coral.
5. Use plasticine to make coral crabs and crown-of-thorns starfish. Students position the crabs amongst the coral and several arms of the crown-of-thorns starfish on top.
6. Students take close-up photos of their creation.
7. Extension opportunity is to use stop motion app to create a scene where the tiny world crab fights off the crown-of-thorns starfish.

Curriculum links
Cross curriculum priority - sustainability
General capabilities:
Literacy, numeracy, information and ICT capability and critical and creative thinking

Information Links
https://tinyurl.com/yaf5chs9 (Crown-of-thorns starfish control program)
https://tinyurl.com/y9c43av (Statement about the crown-of-thorns starfish control program)

Visual Arts:
Explore ideas and artworks from different cultures and times, including artwork by Aboriginal and Torres Strait Islander artists, to use as inspiration for their own representations (ACAVAM110)
Use materials, techniques and processes to explore visual conventions when making artworks (ACAVAM111)
Activity 2: Coral crab superhero poster

Year level
Year 2 and upwards

Overview
Design a super hero poster of the coral crab using PowerPoint, Keynote or a handmade poster.

Outcomes
Students understand the dynamics between a large predator and a small but determined predator. They learn about natural predators and how the state of the environment can change behaviour. Students learn to present information in a poster format, or as presentation. Students learn to use PowerPoint, Keynote or other presentation program.

Materials
- Cardboard or paper, colouring pens, pencils
- Access to computer for PowerPoint or Keynote

What to do
   YouTube: Guard crabs defend coral home from crown of thorns starfish (0:56mins) [https://www.youtube.com/watch?v=9gpEcFrgE_U](https://www.youtube.com/watch?v=9gpEcFrgE_U)
   YouTube: This crab doesn’t take kindly to home intruders (1:26mins) [https://www.youtube.com/watch?v=IyU27qG9i68](https://www.youtube.com/watch?v=IyU27qG9i68)
3. Read Reef Beat Poster — Cryptic crawly creatures
4. Students brainstorm layout of poster. Consider superhero name, the crab’s super hero uniform, and the villain. Describe the coral crab’s super power.
5. On the poster, include how everyday citizens can help the coral crab on the Great Barrier Reef fight the crown-of-thorns starfish.
6. The poster can be made using PowerPoint, Keynote or on a piece of cardboard.

Curriculum links
Cross curriculum priority - sustainability

General capabilities:
Literacy, numeracy, information and ICT capability and critical and creative Thinking.

Curriculum links Information Links
[https://tinyurl.com/yaf5chs9](https://tinyurl.com/yaf5chs9) (Crown-of-thorns starfish control program)

Visual arts:
Use materials, techniques and processes to explore visual conventions when making artworks (ACAVAM111)

The Junior Outlook Reef Beat presents a series of posters focused on results from the Authority’s Outlook Report 2019, introduces some amazing animals seen along the Reef and the actions students can take to protect the Reef.

#LovedTheReef

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