

# PROGRAM 5

## Recycling Machine Design ( 4 x 2 hour sessions)

### Concept

Students will be designing a unique recycling machine that will use the power of mechanical sciences and artistic creation to save the oceans of planet earth. They will be shown that making art from recycled materials can reduce waste, enhance creativity and facilitate vibrant community conversations about global environmental issues. They will combine artistic ideas with scientific innovation.

### Learning Outcomes

1. Explore various materials, pollution, and the creative achievements of scientists and artists.
2. Studying the fundamentals of mechanics and history behind these achievements to gain more insight for their own creative endeavours.
3. Identifying environmental issues, basic inquiry based learning skills around environmental sustainability issues

### Visual arts

#### VAES 1.1

- Make drawings and paintings about things and people that interest them and their experiences

#### VAS1.1

- Create artworks in a particular way about their experiences of real and imaginary things
- Study the practice of artists and think about how they can work in similar ways to artists

#### VAS2.1 & 2.2

- Use forms to suggest qualities of subject matter

#### VAS 3.1, 3.2, 3.4

- Investigate subject matter in an attempt to represent likeness of things in the world
- Make artworks for different audiences, designing their artworks in a variety of ways
- Communicate about how their portraits are represented in artworks and how artists represent themselves in different ways in their practice

### Science & Technologies

**STe-7DI-T** Identifies digital systems of the APP and explores how instructions are used to control the APP and the digital device

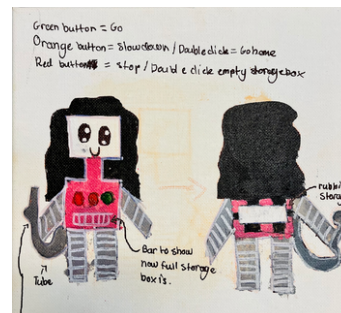
**STe-7DI-Y** Develops solutions to an identified need to collect rubbish from our oceans

**ST1-2DP-T** Uses artistic processes and materials to develop solutions for a need

**ST1-3DP-T** Student describes, follows and represents algorithms to solve problems

**ST2-2DP-T** Selects and uses artistic materials and processes to develop solutions for a need

**ST2-2DP-T & ST3-2DP-T** Selects and uses the digital APP as an equipment to develop solutions for an opportunity



## Program cost

\$10+GST per student per lesson

(Free) Starry Arts Online GIF maker

(Free) Starry Arts Motion Capture app

## Materials & Pricing

Austin T 8

Schools can provide their own materials or they can purchase from us.

Packaged materials for each 30 students

material fee :

\$200+gst 30 students package for the first time.

3 lessons paintings.

- 1 x Acrylic premium set of 75ml 7 colors
- 1 x Global 250ml paints set
  - 2 white
  - 1 black
  - 1 cool red
  - 1 cool blue
  - 1 cool yellow
- 30 x 23cm Reusable paper plates with palette stickers
- 30 x HB pencils
- 30 x Brush kit
- 30 x Black marker pen
- 1 x Cleaning cloth roll
- 30 x A4 Painting Panel with UV template

