



Gladstone  
Healthy Harbour  
Partnership



4-6 EDUCATIONAL  
RESOURCES

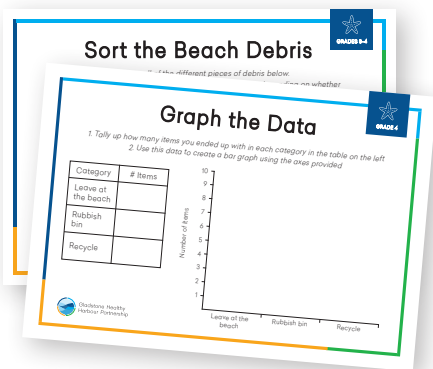
*Teacher Guide*

The following educational resources have been designed as standalone classroom activities that can be used to further children's knowledge about the importance of looking after our harbour and the animals who call it home, while also reinforcing foundational literacy and numeracy skills. They have been developed by the GHHP team in consultation with relevant partner organisations, including education experts from CQUniversity.

An outline of each resource, the grade to which it has been tailored to and suggestions for use is included in the details below.

## BEACH DEBRIS SORTING ACTIVITY

**RECOMMENDED AGE:** Grade 3-4



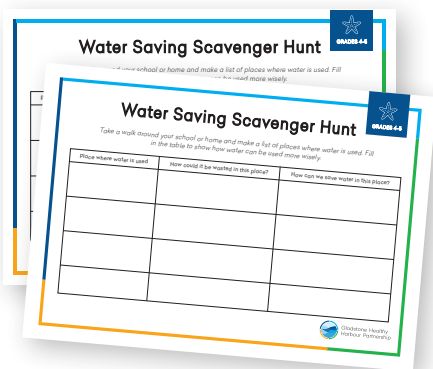
This activity aims to educate students about litter management and recycling, inviting them to use their critical thinking skills to deduce whether certain objects that they might find at the beach should be placed in the rubbish bin, be recycled or left as is (for natural objects). For older children, quick finishers or high achievers, there is the opportunity to add on the 'Graph the Data' extension activity, which requires the students to first tally up how many debris items they placed in each category and then use the data to create a bar graph. It is also recommended that teachers or educators lead the students in a guided discussion about the importance of keeping our beaches clean and placing rubbish in the right bins in order to reinforce the learning outcomes.

**Additional Resources Required:** Scissors, pencil/pen, coloured pencils, glue, ruler

*Critical Thinking | Numeracy (Graphing Data) | HASS*

## WATER SAVING SCAVENGER HUNT

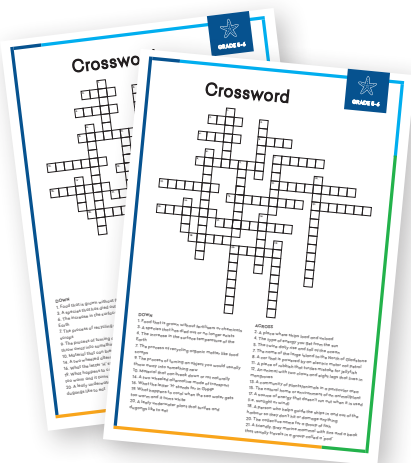
**RECOMMENDED AGE:** Grade 4-5



This open ended science activity is the perfect companion to an environmental science lesson or unit that discusses the importance of saving water. Students are encouraged to either walk around the school and first find places where water is used (i.e. gardens, drink fountains, toilets). They must then consider all of the ways in which water could be wasted in each location (i.e. watering gardens in the middle of the day, leaving taps run) and finally, practical actions that could be taken to save water in each location.

**Additional Resources Required:** Pencil/pens

*Critical Thinking | Science*



## CROSSWORD

**RECOMMENDED AGE:** Grade 5-6

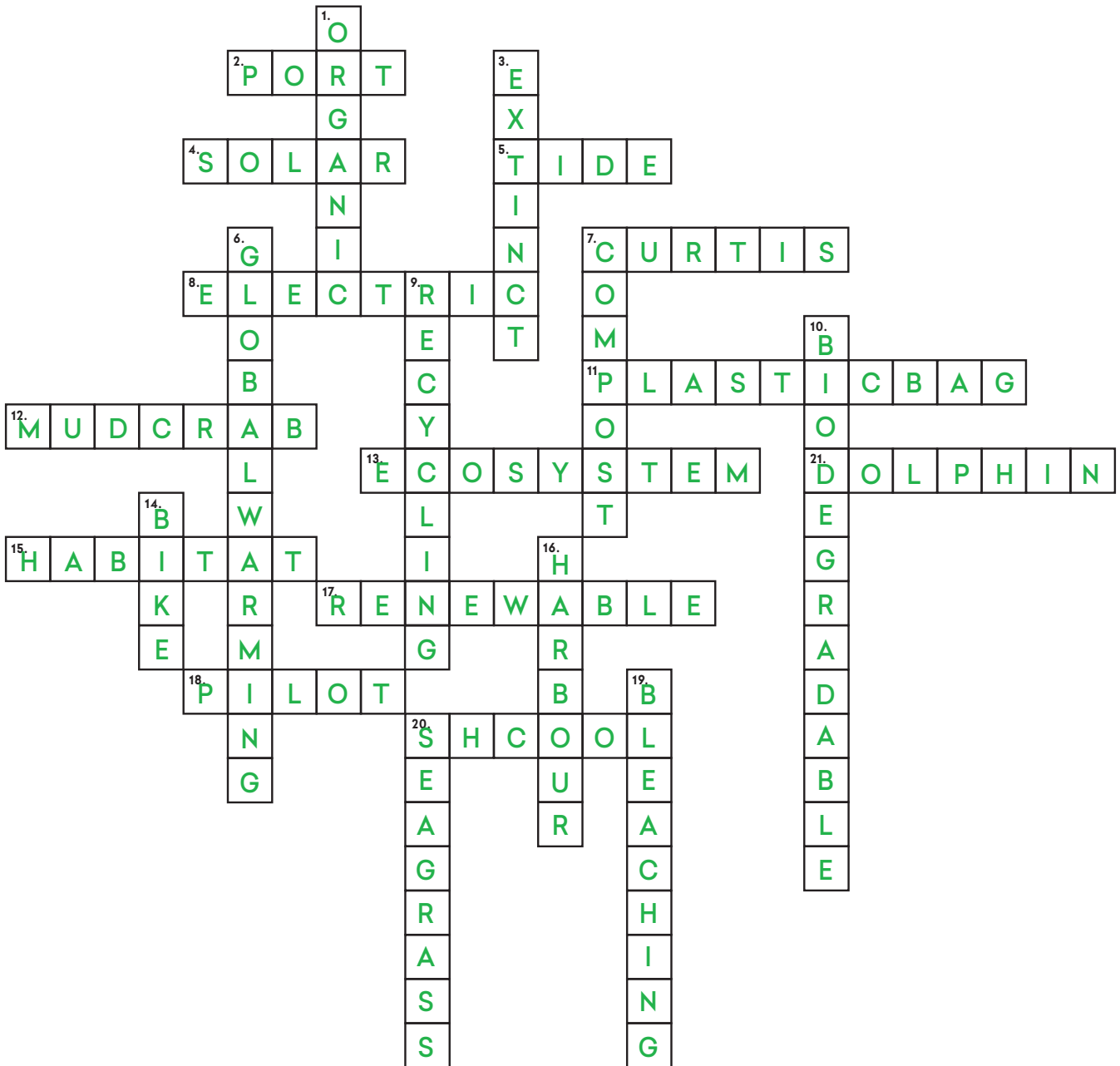
Designed as a fun extension activity, this crossword features 41 different words concerning the harbour, marine life, renewable energy and environmental literacy. A teacher answer sheet has been provided on the following page.

**Additional Resources Required:** Pencil/pens

*English | Spelling | Science*

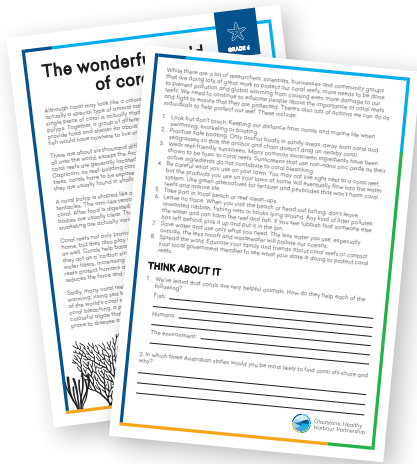


# Answer Sheet



# CORAL READING COMPREHENSION

RECOMMENDED AGE: Grade 6



This extended reading comprehension task requires students to complete three activities that will help them learn about the wonderful world of corals and the important role they play in underwater ecosystems. Students will first have to read the provided passage and complete a series of short reading comprehension questions. They then need to research a fish or animal species that lives in the coral of the Great Barrier Reef and write a short informational report containing all of the information they have found. Finally, they will need to design and create a poster that educates their classmates about a practical action they can take to help protect our coral reefs.

**Additional Resources Required:** Pencil/pens

**English | Reading Comprehension | Report Writing | Independent Research | HASS**

