

# ON-LINE TEACHING RESOURCES



SURF LIFE SAVING  
NEW SOUTH WALES



[AUSTRALIAN CLIMATE COUNCIL](#)



[UNITED NATIONS PANEL ON CLIMATE CHANGE](#)



[AUSTRALIAN MARINE CONSERVATION SOCIETY OCEAN PLASTIC POLLUTION](#)



[CLEAN UP AUSTRALIA \(FOR ORGANISING BEACH CLEANUPS\)](#)



[OCEAN PLASTIC POLLUTION POSTERS](#)



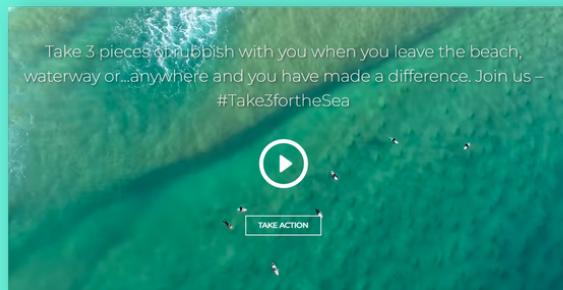
[TOP 10 KILLER PLASTICS BOOKLET](#)



[SHARK SMART](#)



[OCEAN AND COASTAL SUSTAINABILITY](#)



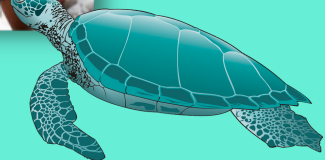
[TAKE 3 FOR THE SEA CAMPAIGN](#)



[AUSTRALIA NEW ZEALAND PLASTICS PACT \(FOR SCHOOL SUPPLIERS\)](#)

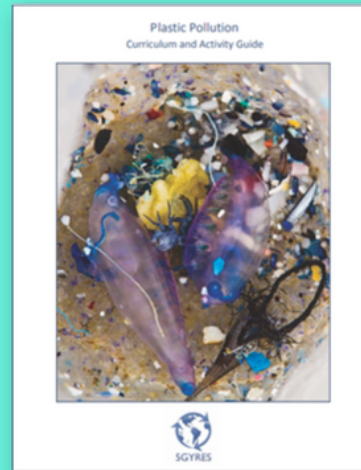


[WAR ON WASTE](#)





[WWF THE OCEAN AND PLASTICS POLLUTION](#)



[SEAGRANT PLASTIC POLLUTION ACTIVITY GUIDE](#)



[PLASTIC POLLUTION LESSON AND ACTION PLAN](#)



[READWORKS: WHAT IS OCEAN ACIDIFICATION](#)



[THE COMPLICATED JOURNEY OF MARINE PLASTIC POLLUTION](#)



[FLORIDA MICROPLASTIC AWARENESS PROJECT](#)



[MICROPLASTICS EXTRACTION PRACTICAL](#)

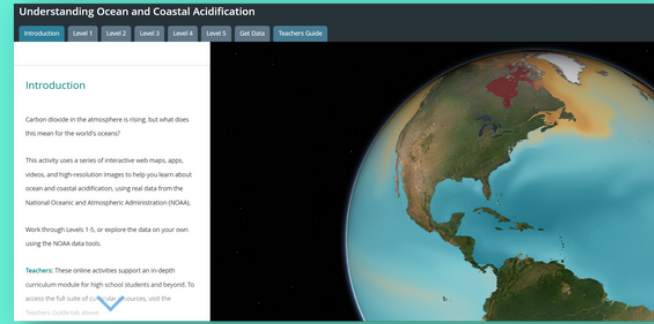


[TEDED: OCEAN ACIDIFICATION](#)





## SOLITARY ISLAND AQUARIUM EDUCATIONAL RESOURCES




## DATA IN THE CLASSROOM OCEAN ACIDIFICATION

**Ocean Acidification and Shell Building**

**Activity Instructions:**

- Review the background information with the students and pass out the worksheet (included at the bottom of this document).
- Have students answer questions 1-3 using the background information.
- Then pull up a computer and open the two following links from NOAA:
  - Aragonite Saturation State: <https://www.nmfs.noaa.gov/view/globaldata.html#ARAG>
  - Ocean pH: <https://www.nmfs.noaa.gov/view/globaldata.html#ACID>
- Down at the bottom left of each chart, click the box for "Data Values". When you hover the cursor over the chart it should now have a number highlighted above your cursor as well that indicates the data.
- Continue the worksheet and complete questions 4-8 by utilizing the digital charts to answer the questions.



## OCEAN ACIDIFICATION AND SHELL BUILDING



## NATIONAL GEOGRAPHIC MARINE ECOSYSTEMS



## UNDERWATER PHOTOGRAPHY BASICS

**The New York Times**

CURRENT EVENTS

***Lesson of the Day: 'In the Ocean, It's Snowing Microplastics'***

## NEW YORK TIMES LESSON OF THE DAY: "IT'S SNOWING MICROPLASTICS!"

**AUSTRALIAN ENVIRONMENTAL EDUCATION**

For all your environmental education needs



## AUSTRALIAN MARINE ENVIRONMENTS