

Why choose BZS Education Classes?

Field trips and experiential learning activities help enhance student learning. Give your students every opportunity for subject mastery by incorporating BZS Education Classes in your lesson plans.

Each class is created especially with the Cambridge Curriculum in mind, making your job that much easier.

Plus, teens simply adore our classes, some of which include fantastic animal encounters and other hands-on-learning activities - and that makes you a star!

Classes must be booked at least two weeks in advance. They can also be customised, but this requires a minimum of three weeks notice.

For more information or to book a session with your class, please contact our Education Department.

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The BZS research and outreach vessel, *RV Endurance*, is our very own floating classroom for conservation education, and is able to take students anywhere on our coral reef platform.

Explore North Rock with a personalised a snorkeling adventure, or stop in local bays to find foraging sea turtles - it is perfect for educational trips of all kinds! We believe that immersing students in our pristine marine environment energises and excites them about our island home.

RV Endurance is captained by Nigel Pollard.



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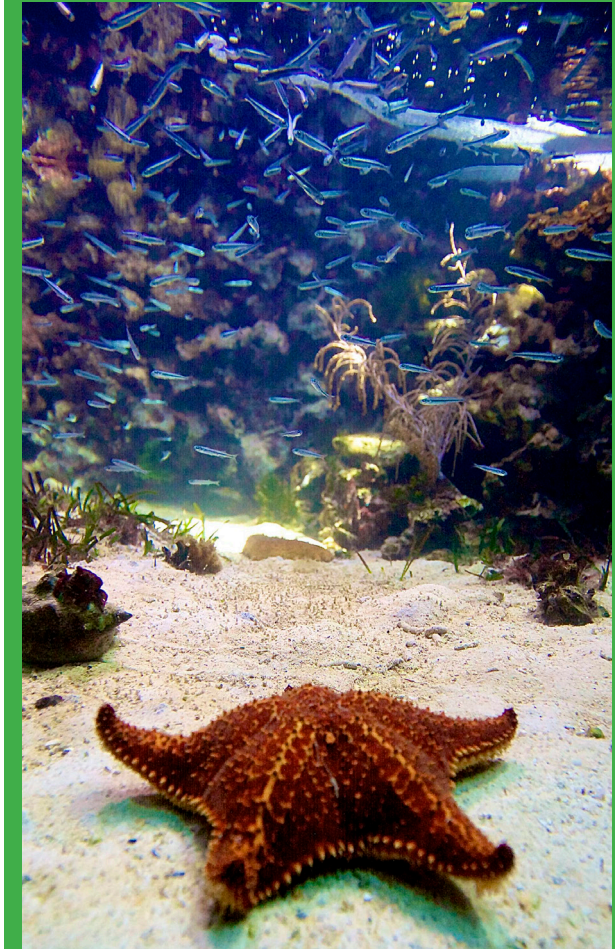
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**EDUCATING TOMORROW'S
ENVIRONMENTALISTS**



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Educational Classes
**Middle
School**

CLASS LIST WITH CAMBRIDGE FRAMEWORK POINTS

M1 CLASSES

Classification and Variation

Classify animals and plants into major groups, using locally occurring examples. (7Bv3)

Understanding what is meant by a species (7Bv1)

Understanding Habitats

Describe how organisms are adapted to their habitat drawing on locally occurring examples. (7Be1)

Adaptations to Local Habitats - Amphibians**

Describe how organisms are adapted to their habitat drawing on locally occurring examples. (7Be1)

Adaptations to Local Habitats - Birds**

Describe how organisms are adapted to their habitat drawing on locally occurring examples. (7Be1)

Adaptations to Local Habitats - Plants*

Describe how organisms are adapted to their habitat drawing on locally occurring examples. (7Be1)

Field Study of Local Adaptations*

Describe how organisms are adapted to their habitat drawing on locally occurring examples. (7Be1)

Investigate by fieldwork how organisms are adapted within a local habitat. (7Be1)

Acids and Alkalis: Our Oceans Are Getting Acidic!

Use indicators to distinguish acidic and alkaline solutions. (7Cc3)

Make careful observations including measurements. (7Eo1)

Use a pH scale. (7Cc1)

What's For Lunch? Bermuda's Food Chains

Draw and model simple food chains. (7Be2)

Discuss positive and negative influences of humans on the environment, e.g. the effect on food chains. (7Be3)

M2 CLASSES

Green and Growing: Measuring Marine Photosynthesis

Explore how plants need carbon dioxide, water and light for photosynthesis in order to make biomass and oxygen. (8Pb1)

Plan investigations to test ideas. (8Ep4)

Make predictions using scientific knowledge and understanding. (8Ep6)

(See also 8Ep5, 8Eo2, 8Eo3, 8Ec3)

Sound and Animals

Investigate the properties of sound in terms of movement of air particles. (8Ps1)

M3 CLASSES

Using Keys To Identify Plants & Animals

Use and construct keys to identify plants and animals. (9Bv1)

Ecosystems

Explain and model food chains, food webs and energy flow (9Be3)

Explain the role of decomposers (9Be4)

Food Chains, Food Webs & Energy Flow*

Explain and model food chains, food webs and energy flow. (9Be3)

Adaptations In Exotic Species

Explain the ways in which living things are adapted to their habitats. (9Be1)

Introduction To Man's Effects On Local & Global Environments*

Describe and investigate some effects of human influences on the environment. (9Be6)

Green and Growing: Measure Marine Photosynthesis

Define and describe photosynthesis and use the word equation. (9Bp1)

Make sufficient observations and measurements to reduce error and make results more relevant. (9Eo1)

Explain results using scientific knowledge and understanding. (9Ec8)

Understand the importance of water and mineral salts to plant growth. (9Bp2)

(See also 9Ep5, 9Ep7)



Photo by Kids on the Reef

Other Middle School Classes and Field Trips of Interest:

- Snorkel excursions and Reef Watch training (field trip)*
- How Bermuda's Early Settlers Used Plants and Animals
- The Sargasso Sea
- Human Impact on South Shore: Invasive Species Waging War on Bermuda's Native & Endemic Plants (field trip)*

* **Class can include a guided field trip to a specific habitat. Field trips may require a prior in-class session.**

Seasonal availability.