

SUMMER 2014



- June 26 – June 27..... **Dabble in Whales**
- June 30 – July 4..... **Dabble in Disaster**
- July 7 – 11..... **Dabble in Sea Myths, Sea Serpents & Superstitions**
- July 14 – 18..... **Dabble in Prehistoric Seas**
- July 21 – 25..... **Dabble in Dissection**
- July 28– 30..... **Dabble in Pirates**
- Aug. 4 - 8..... **Dabble in the Bermuda**
- Aug. 11 - 15..... **Dabble in Sharks**
- Aug. 18 - 22..... **Dabble in Sea Myths, Sea Serpents & Superstitions**
- Aug. 25 - 29..... **Dabble in Wild Weather *New Camp!***
- Sept. 2 - 5..... **Dabble in Wild Weather *New Camp!***

DABBLE IN WHALES: This educational camp explores the world's largest mammals and immerses campers into the whales' relationship to mankind and the present efforts to conserve them. Hands-on and interactive, this camp involves tracking satellite tagged whales, identifying the different types of whales and their behaviors, and learning the history of whaling of the past, present and in Bermuda. From carving scrimshaw to making sailor's valentines, identifying whale sounds to being updated on the current whale studies conducted in Bermuda, campers become whale aficionados.

DABBLE IN DISASTER: Natural disasters can occur at any time, anywhere. This eye opening camp consists of marine related disasters involving geological forces such as volcanoes, earthquakes, underwater avalanches, meteor impacts, as well as meteorological events such as hurricanes, tornadoes/water spouts, global warming, and sea level rise. Students learn various past natural disasters through videos, computers, meteorological and geological instruments as well as hands-on activities including those affecting Bermuda and how to predict, prepare and act where possible.

DABBLE IN SEA MYTHS, SEA SERPENTS, AND SUPERSTITIONS: Delve in the interesting world of ocean mythology, sea legends, sea monster sightings and seamen's superstitions. Ever since mankind began exploring the sea, fantastical tales were told. From mysterious sea serpent accounts, ghost ship discoveries, sinking of Atlantis and the calling of the Sirens, students explore the facts and fiction behind past legends and folklore. What was their basis? Using hands-on activities, educational websites, accounts of survivors and videos, students become myth busters as they enter the realm of Greek mythological gods and tales such of Jason and the Argonauts and Sinbad the Sailor and the seven seas!

DABBLE IN PREHISTORIC SEAS: This five-day educational camp "starts" at the birth/creation of earth over 4 ½ billion years ago. Traveling through simulated time, students get "up close and personal" with the variety of life in the savage prehistoric seas ranging throughout the geological time scale. Through videos, computers, fossil labs, and other unique hands-on activities, students learn about the dominant inhabitants of each period, what survived and what caused major extinctions, and where Bermuda fit into the scheme of the prehistoric seas. Students will make casts of some "key" marine fossils such as mosasaur teeth, ammonites, and trilobites, as well as excavate, analyze and interpret real fossil remains like paleontologists.

DABBLE IN DISSECTION: A five-day educational camp introducing six very different unique invertebrate creatures: sponge, Hydra, segmented worm, clam, sea star, and crayfish. Students learn how special and well adapted these creatures are to their environment and the important role they play in the ocean. As they get "up close and personal" to each specimen they are taught safe and correct lab skills utilizing microscopes and dissecting tools. An overview is given of each organism's phyla inclusive of alerting the students of the related dangerous or venomous members. Due to the nature of this camp, students must be 9-13 years old.

DABBLE IN PIRATES: This three-day educational hands-on camp dwells in the realm of piracy as it deals with the different types of pirates, the most famous ones, and the pirates that were involved with Bermuda's early history. From the past days of the Spanish Main and the Barbary Coast to today's pirate havens of the world, students have fun as they are immersed in the pirate's code of conduct, shipboard life, jolly rogers, gold doubloons, and pieces of eight. Among the many camp activities are "Divide the Booty" and "How Did the Pirate Ship Sink?", where students work with real artefacts and treasures, as well as play an authentic pirate game of chance. The camp culminates with the students having an opportunity to compete as they dress as their favourite "swashbuckler".

DABBLE IN BERMUDA: This five-day educational camp focuses on the beautiful waters and their relationship to a unique, special, island, BERMUDA! Utilizing hands-on activities and videos, students learn about Bermuda's violent birth, its past based on ancient submerged cedar forests, marine fossils and Bermuda's geological future. From a shipwreck caused inhabitation to 17th century maritime Bermuda and what hardships did the first settlers endure? What were some of the most famous and valuable shipwreck finds? Students paint their own Teddy Tucker Cross cast replica and receive their own micro-paleontological slide to, collect their own micro-critters and make their own sand collections. From whales, sharks, seashells, flotsam and jetsam, Sargasso Sea and the Bermuda Triangle, students learn about the mysteries of Bermuda, its beaches and surrounding ocean!

DABBLE IN SHARKS: "Sharks", a word that will make you scramble out of the water when at the beach, is the focus of this five-day educational camp. The camp will cover everything one needs to know about sharks from current shark research, shark conservation, shark attack behavior, sharks past and present and the importance of the Sargasso Sea to some sharks' reproduction. It will entail an in depth dissection, identifying various prehistoric shark teeth, painting large 3.5 inch cast, *Carcharodon megalodon* teeth, and constructing a take-home 6-gilled shark "beanie" baby.

DABBLE IN WILD WEATHER: From mega-hurricanes, super storms, multi-vortex tornadoes to derichios, haboobs, and huge storm surges, this five day camp immerses the students into the causes, effects and impacts of global warming. Through incredible videos, hands-on activities, and realistic computer interactives, students engage in the understanding of the global changes, meteorological related events and catastrophes occurring in the environment. Students learn what they can do about it, to mitigate as well as prepare for the possible impacts to Bermuda. Camp participants make and test, in a lab and outdoors, their own take-home UV light detecting bracelets. The motto is - "Don't be scared, be prepared!"



CAMP GUIDELINES - PLEASE READ.

We are looking forward to immersing your child in the exciting world of the Oceans and Ocean Exploration. Many fun, learning activities and games have been developed and planned that incorporate Science, Math, English, Social Studies, Art and some Theatrics.

All activities are geared to your child's age group, to make it a fun, fascinating, and an unforgettable experience. This flyer is designed to help prepare you and your child for camp. Please keep it handy and use as a reference.

CAMP HOURS 9:00AM– 3:00PM

After camp supervision until 5pm if required.

STUDENTS FIRST DAY:

- ✓ Please arrive by 9am.
- ✓ Park in the **BUEI** parking lot and walk your child downstairs to the classroom.

LUNCH: Food is not provided. Please pack a snack and an ample lunch with drink in a thermos. Provide your child with a reusable lunch box, labeled with their name. Please note, we do not have provisions for heating food.

ALL STUDENTS PLEASE, NO GUM

DRESS CODE: In many ways your child will represent Bermuda while undertaking on-site/exhibit activities with other visitors present. Please make sure your child is dressed neatly in shorts/slacks with a conservative shirt/T-shirt tucked-in. In cooler weather, please provide appropriate warm outerwear. Aprons and protective gear will be provided when necessary according to the activity.

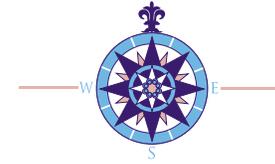
DROP-OFF: Camp begins at 9am. We cannot guarantee adult supervision before 8:30am and are not responsible for unattended drop-offs.

PICK-UP: It is important that you adhere to the pick-up schedule as the safety and well being of your child is of the utmost importance to us. If your child is enrolled in After-Camp, pick-up time is 5:00pm. **Please pick up your child by 5:15pm or a charge of \$1 for every additional minute will be incurred.**

ABSENCE: If for any reason your child will be absent from the camp, please call **BUEI** in the morning and inform us, or leave a message at 294-0207 or 294-0217.

We are looking forward to meeting and
thrilling your child with the wonders of the ocean!

Please feel free to call **Crystal Schultz, Education Coordinator, at 294-0207 or email: crystal.schultz@buei.org**



Immerse your child in the exciting world
of oceans and ocean exploration.

BUEI

EDUCATIONAL AND FUN SUMMER CAMPS

FOR 7-13 YEAR OLDS



Hands-on fun learning...

**Labs, Experiments, Specimens, Videos, Scavenger Hunts,
Competitions, Interactive Computer Activities and more!**