

# Appendix A

## Five-Year Ocean Study

Developed by Vivian Shaull, Head Teacher

***Year One-Tide Pool Habitat;***

***Year Two-Salt-Marshes;***

***Year Three-Sandy Beach, Rocky Coast and Benthic Habitats;***

***Year Four- Whales;***

***Year Five-Coral Reefs;***

Each year the students will study habitat as part of our science curriculum.

We will be studying God's perfect plan for each one of these habitats. We will study the relationships among the animals and seaweed life in the tide pools, sandy beaches and rocky coasts and the plant life of the Salt marsh. We will discover similarities and differences of each habitat. We will learn classification and observation skills, as well as study specific adaptations created by God for each creature to survive. As we learn these wonderful aspects of the oceans we will learn how to be good stewards of the earth God has given to us.

***Field Trips;*** In order for our students to learn first hand and because God has graciously given to us such wonderful local resources, we will be visiting these resources for our students to learn first hand. We will travel to Sachuest or Brenton Point. We will travel to Biomes or study plant and animal life at the school with resources provided by Biomes (i.e. aquarium, plants, and animals). We will plan a guided tour of the Salt marshes at Sachuest Point and Colt State Park. Students learn to grow eelgrass at the school for a "Save the Bay " preservation project. Other trips may include Boston or Mystic Aquarium.

***Resources;***

*Life in the Oceans*, Two-Can Publishing Ltd.; *Whale Activities*, Scholastic Inc.; *Peterson Field Guide to the Atlantic Seashore*, Houghton Mifflin Co.; *Whales, Mighty Giants of the Sea*, National Geographic Society; *Tide Pool*, Dorling Kindersley Inc.; *The Ocean Book*, John Wiley and Sons Inc.; *Whales and Other Creatures of the Sea*, Random House.; *Introduction to the Algae*, Anchor Press Ltd.; *Tide Pools*, Harper Collins Children's Books, *Introduction to Oceanography*, Harper Collins College Publishers; *Introduction to the Biology of Marine Life*, William C. Brown Publishers; *Seaweeds of the Connecticut Shore*, *A Waders Guide*, Connecticut Arboretum; various poster, calendars and Ranger Rick Magazines.