

## Bayside Center Schedule Summer 2008

The Bayside Center offers environmental and science camps through out the summer. Campers aged 6-11 are welcome to join in on all the fun and games. All camps are \$75 and run from Monday through Friday 9 am to 12 noon. Please provide your child with a snack, bug/sun lotion and wear sneakers or sandals with straps. Your child's adventure with science will include a workbook to keep, crafts, games, experiments, live animals, movies and more. Sign ups will be at the Civic Center on Saturday June 7, 2008 from 9 to noon. After June 7 applications will be taken at City Hall Annex located on 9<sup>th</sup> and Asbury. Applications will also be taken at Bayside Center beginning on Saturday June 28, 2008. All classes are limited to fifteen students! Two certified teachers develop and implement the curriculum. All classes, curriculums and workbooks are updated on a yearly basis.

### Class Descriptions:

**Open Ocean Sharks (All New Class)** - A whole new shark class awaits only the most courageous to come to camp! This week learn about the predators of the open water. Learn about the characteristics of the open ocean and how hard it is for these types of sharks to find their prey. Examine their role as the apex predators in the ocean, different types of oceanic shark teeth, play sharks and minnows, and study the great white, oceanic white and black tips, hammerheads, bull, blue and the tiger. Dissect a spiny dogfish at the end of the week!

**Exploring the Shore**- A great introduction to the Bayside Camp! What is an estuary anyway? In this totally hands-on class, students will explore and learn about the estuary, bay, and backyards of our own barrier island of Ocean City. Dissect owl pellets at the end of week!

**Exploring the Beaches**- Discover the wonderful ecosystem of the beach! Learn what animals inhabit the beaches and sand dunes of Ocean City! Study the wonderful environment of the ocean and what may be lurking off the coast! Explore marine biology, tidal pools, the relationship between the moon and the tidal systems. A great class to take with Exploring the Shore. Dissect a starfish at the end of the week and take a special field trip to the Ocean City beaches to hunt for crabs and fish!

**Lizard Hipped Dinosaurs- (All New Class)**— Dinosaurs are divided into two groups based on hip structure, the Order Ornithischia (Lizard Hipped) and Order Saurischia (Bird Hipped). This week study those dinosaurs that had hips and bone structure like a lizard. Study the two families of the lizard hipped dinosaurs- the four legged herbivores and the two legged carnivores. Learn about those little known dinosaurs. Construct a dinosaur from fossils! Enjoy a special guest at the end of the week!

**Turtles and Terrapins**- What is a reptile? What is the difference between turtles and terrapins? Study these creatures that have been around since before the dinosaurs. Enjoy a visit from a special guest. How are they related to dinosaurs? Handle the turtles that call Bayside their home.

**Marine Mammals**- Venture into the wild blue sea and immerse into the world of the dolphin and whale. Learn all about their lives, how they interact with one another and how they protect themselves from sharks! Construct life size puzzles of two different types of whales. Which ones come to Ocean City in the summer to have their babies?

**Predators and Prey (All New Class)** - Predators are the hunters. Prey is the hunted. Discover all about their relationship with one another and with the habitats they live in. Study the crocodile, Komodo dragon,

black bear and barn owl. Identify their prey. Dissect owl pellets! Learn all about their link in the food chain as you construct food webs!

**African Savannah (All New Class)** - Travel to the grasslands of Africa to discover the unique ecosystem of the grasslands! Study the zebra, elephants, ostrich, lion, cheetah and more. Which animals live in families and which solitary? Study reptiles, mammals and birds that call Africa their home. Learn all about the tribes who have lived in Africa for thousands of years!

**Great Barrier Reef (All New Class)** - Travel to the Australian coast to learn about this ecosystem that is disappearing because of pollution. Learn about such predators as the blue ringed octopus, the reef and oceanic white tip sharks, squid, and their prey. What other kind of animals live there? Discover this awesome ecosystem and at the end of the week dissect a squid.

**Wild Kingdom (All New Class)** - Discover all seven continents and study an animal from each. Study the grizzly bear, the rhino, kangaroos, elephants, tigers, penguins, and armadillos. What adaptations have each species made to survive on their continent and how can you save them. At the end of the week enjoy a visit to the Cape May County Zoo!

**Awesome Amphibians (All New Class)** - Study the frog, toad and salamander! What make them different from reptiles? Go on a Bayside hunt for frogs with our bug catchers! At the end of the week dissect a frog!

**Venomous Animals- (All New Class)** - Step inside the world of the creepy. Study different spiders, scorpions and snakes. Learn to identify which ones are lethal. Meet the resident Bayside snake. Go on daily bug hunts to feed the Bayside reptiles! At the end of the week enjoy a visit to the Cape May County Zoo and the reptile house!

**Rockin Out (All New Class)** - A whole new study of the earth. Become geologists as you study volcanoes, crack open geodes, and learn all about plate tectonics and fossils. Identify the three different types of rocks and go on daily rock hunts around Bayside Center. Conduct really awesome experiments like making magma, exploding volcanoes and imitating earthquakes!

**Bottom Dwelling Sharks (All New Class)** - This is a new shark class that is all about those types of sharks that live near the bottom of the ocean in such areas as reefs. Most of these sharks lays eggs and are very unique in size, shape and behavior. Study the magic carpet shark, sawfish, angelfish, nurse shark, black and white tip reef shark, horn shark and many others! Dissect a specimen at the end of the week!

**Crocodylians (All New Class)** - Reptiles (meaning "to creep") are a group of animals that have scales (or modified scales), breathe air, and usually lay eggs. Enter the realm of the crocodiles, alligators and the caimans. Measure out these massive animals, learn all about their behaviors prey and play cool reptile games.

## **Schedule of Classes**

**June 23-27;** Exploring the Beaches/Great Barrier Reef

**June 30- July 4;** Exploring the Shore/Open Ocean Sharks

**July 7- 11;** African Savannah/Predators and Prey

**July 14- 18;**Crocodylians/Marine Mammals

**July 21- 25;** Lizard Hipped Dinosaurs!/Turtles and Terrapins

**July 28- Aug 1;** Exploring the Shore/Bottom Dwelling Sharks

**August 4-8;** Rockin Out/Amphibians

**August 11-15;** Wild Kingdom/Venomous Animals

**August 18-22;** Open Ocean Sharks!/ Exploring the Beaches