



# PROFESSIONAL DEVELOPMENT

## at Virginia Aquarium & Marine Science Center

### Summer 2020

#### SEA TURTLE SCIENCE (3<sup>rd</sup> – 5<sup>th</sup> grade)

Wednesday, July 15<sup>th</sup> 9:00AM – 3:00PM | Virginia Aquarium, Classroom

**Bring a packed lunch. Wear comfortable closed-toed shoes.**

This teacher training focuses on the many types of turtles found in Virginia including freshwater turtles, land turtles, and sea turtles. We will provide instructions for hands-on activities to use in the Classroom, share information about sea turtle strandings, and go behind-the-scenes tour of the sea turtle exhibit.

#### MARINE MAMMAL SCIENCE (3<sup>rd</sup> – 7<sup>th</sup> grade)

Wednesday, July 22<sup>nd</sup> 9:00AM – 3:00PM | Virginia Aquarium, Classroom

**Bring a packed lunch. Wear comfortable closed-toed shoes.**

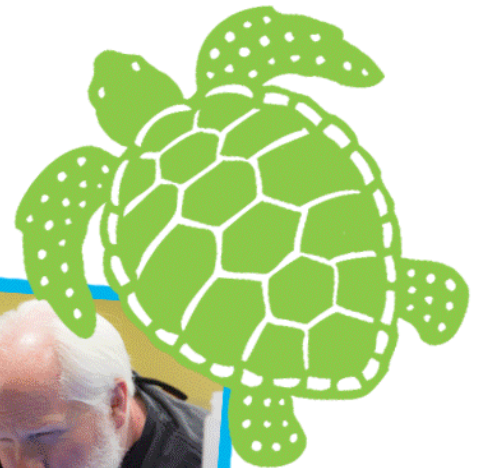
This teacher training focuses on marine mammals found along the coast of Virginia. We will begin with an introduction to marine mammals and classroom activities that highlight their anatomy, feeding structures and adaptations. We will enhance teacher's knowledge of marine mammals by searching for dolphins on a boat trip and learning about animal care and training with our harbor seal keepers.

#### COLORS IN NATURE (pre-K – 5<sup>th</sup> grade)

Tuesday, August 18<sup>th</sup> 9:00AM – 3:00PM | Virginia Aquarium, Classroom

**Bring a packed lunch. Wear comfortable closed-toed shoes.**

We live in a vibrant world filled with an endless array of color. In this teacher training we will explore properties of light and the biological, structural, and chemical sources of color found in nature. Educators will engage in hands-on activities and demonstrations related to how animals use color to communicate within and between species, as well as how different animals perceive color.





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#### WETLANDS & WATERSHEDS (4<sup>th</sup> – 6<sup>th</sup> Grade)

Monday, August 24<sup>th</sup> 9:00AM – 3:00PM | Virginia Aquarium, Classroom

**Bring a packed lunch. Wear comfortable closed-toed shoes.**

This teacher training focuses on how watersheds work and what role wetlands play in keeping water clean. We will explore a saltmarsh looking at zonation patterns, identify plants and animals, and take measurements. Get a closer look at animals in the surrounding habitat by trawling off our research vessel. Test your water samples and learn how to get your students involved in citizen science. We will finish the day with lab activities to use in the classroom that helps demonstrate concepts about watersheds and wetland characteristics.

#### CONSERVATION IN THE CLASSROOM (pre-K – 2<sup>nd</sup> grade)

Friday, September 4<sup>th</sup> 9:00AM – 3:00PM | Virginia Aquarium, Classroom

**Bring a packed lunch. Wear comfortable closed-toed shoes.**

Meet with researchers and scientists that are involved with conservation around the world and learn how the Virginia Aquarium is involved. We will provide lesson plans and ideas to incorporate conservation into your classroom with experiments, collecting and interpreting data, and conservation action. Your students will become better stewards of their resources and help protect habitats and animals.

#### REGISTRATION

There is no fee to participate in these workshops, but spaces are limited. Please register by emailing the School & Youth Program Specialist, Rachel Clark at [rriesbec@virginiaaquarium.com](mailto:rriesbec@virginiaaquarium.com) with the following information: your name, school, grade level/subject you teach, and your summer contact phone number.

*Professional development opportunities are generously underwritten by Bob & Leslie Fort.*