

DOLPHIN RESEARCH CENTER

Distance Learning: Sandy's Sense-ational Senses

Can dolphins see in color? What do dolphins hear? Does everything taste fishy to a dolphin? Explore the world of the ocean and how the senses of dolphins are like ours with Sandy at the Dolphin Research Center!

Grade Levels: K-2

Program Description:

Can dolphins see in color? What do dolphins hear? Does everything taste fishy to a dolphin? Explore the world of the ocean and how the senses of dolphins are like ours with Sandy at the Dolphin Research Center! Students will participate in a live studio-based distance learning with Dolphin Research Center Staff to learn about their 5 senses and how those senses match up with those of bottlenose dolphins. At the end students have the opportunity to ask a dolphin expert questions about dolphins while also learning how they can lessen their impact on the marine environment. All studio-based distance learning programs include a live instructor interaction with video clips from all around our beautiful Florida Keys facility.

Concepts Addressed:

- Students will compare and contrast the senses that dolphins have with the senses that people have including taste, touch, hearing, sight and smell.
- Students will get to hear about some of the threats that face dolphins and things that they can do to help them and other marine creatures.

Program Format:

- Students will get the chance to “meet” Sandy, a member of the Dolphin Research Center family.
- With the help of Sandy, his trainer Noelle, and a Dolphin Research Center educator students will compare and contrast the senses that a dolphin has and the senses that people have.
- Students will learn about marine debris and what they can do to help protect wild dolphins.
- Students will have the opportunity to ask a dolphin expert questions



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Program Logistics

Program Length: 30- 45 minutes

Minimum # of participants: 1

Maximum # of participants: For groups over 100 please contact us

Program Cost: \$95.00 (CILC premium members: \$85)

*Discounts may be available for bulk programming.

Program Fee Notes: Payment of associated fees must be received 72 hours before the program date. If payment is not received by this time the program is subject to cancellation.

Cancellation Policy: We will not charge for programs canceled due to nature i.e. snow days. The full fee will be charged to sites which cancel with less than 48 hours notice. Payment is due 72 hours before the program. If payment is not received by this time the program is subject to cancellation. Dolphin Research Center reserves the right to cancel programs at anytime. If Dolphin Research Center cancels a program than it will contact the requester to discuss rescheduling options. If a program does not occur because of an error in communication between the requester and Dolphin Research Center, requesters will still be charged the full price of the programs. Sites need to participate in a tech run with Dolphin Research Center staff members. This will be scheduled to occur prior to your program date. If the tech run does not occur the full fee will be charged to sites that cannot connect at program time.

Program Delivery Mode: Google Hangouts, ZOOM, CILC One-Click-Connect (for H323)

Recording of any type during a Dolphin Research Center distance learning program is prohibited.



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Standards

Florida

Florida Next Generation Science Standards met or supported:

- **SC.K.L.14.1** Recognize the five senses and related body parts.

Language Arts Florida Standards met or supported:

- **LAFS.K.SL.1.1** Participate in collaborative conversations with diverse partners about *kindergarten topics* and texts with peers and adults in small and larger groups. A. Follow agreed-upon rules for discussions (e.g., listening to others and taking turns speaking about the topics and texts under discussion). B. Continue a conversation through multiple exchanges.
- **LAFS.1.SL.1.1** Participate in collaborative conversations with diverse partners about grade 1 topics and texts with peers and adults in small and larger groups. A. Follow agreed-upon rules for discussions (e.g., listening to others with care, speaking one at a time about the topics and texts under discussion). B. Build on others' talk in conversations by responding to the comments of others through multiple exchanges. C. Ask questions.
- **LAFS.2.SL.1.1** Participate in collaborative conversations with diverse partners about grade 2 topics and texts with peers and adults in small and larger groups. A. Follow agreed-upon rules for discussions (e.g., gaining the floor in respectful ways, listening to others with care, speaking one at a time about the topics and texts under discussion). B. Build on others' talk in conversations by linking their comments to the remarks of others. C. Ask for clarification and further explanation as needed about the topics and texts under discussion.

National

Next Generation Science Standards met or supported:

- NA

Common Core for English Language Arts met or supported:

- **CCSS.ELA-Literacy.SL.K.1** Participate in collaborative conversations with diverse partners about *kindergarten topics* and texts with peers and adults in small and larger groups. A. Follow agreed-upon rules for discussions (e.g., listening to others and taking turns speaking about the topics and texts under discussion). B. Continue a conversation through multiple exchanges.
- **CCSS.ELA-Literacy.SL.1.1** Participate in collaborative conversations with diverse partners about *grade 1 topics and texts* with peers and adults in small and larger groups. A. Follow agreed-upon rules for discussions (e.g., listening to others with care, speaking one at a time about the topics and texts under discussion). B. Build on others' talk in conversations by responding to the comments of others through multiple exchanges. C. Ask questions to clear up any confusion about the topics and texts under discussion.
- **CCSS.ELA-Literacy.SL.2.1** Participate in collaborative conversations with diverse partners about *grade 2 topics and texts* with peers and adults in small and larger groups. A. Follow



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agreed-upon rules for discussions (e.g., gaining the floor in respectful ways, listening to others with care, speaking one at a time about the topics and texts under discussion). B. Build on others' talk in conversations by linking their comments to the remarks of others. C. Ask for clarification and further explanation as needed about the topics and texts under discussion.

Ocean Literacy Principles

- **5A** Ocean life ranges in size from the smallest living things, microbes, to the largest animal on Earth, blue whales.
- **5D** Ocean biology provides many unique examples of life cycles, adaptations, and important relationships among organisms (symbiosis, predator-prey dynamics, and energy transfer) that do not occur on land.
- **6D** Humans affect the ocean in a variety of ways. Laws, regulations, and resource management affect what is taken out and put into the ocean. Human development and activity leads to pollution (point source, nonpoint source, and noise pollution), changes to ocean chemistry (ocean acidification), and physical modifications (changes to beaches, shores, and rivers). In addition, humans have removed most of the large vertebrates from the ocean.
- **6G** Everyone is responsible for caring for the ocean. The ocean sustains life on Earth and humans must live in ways that sustain the ocean. Individual and collective actions are needed to effectively manage ocean resources for all.

Recommended Materials and Preparation

- Balloons

