

DOLPHIN RESEARCH CENTER

Grade 5 Teachers using the National Standards

Dear Fifth Grade Teachers using the National Standards,

Thank you for considering bringing your students to the Dolphin Research Center. We have a variety of educational opportunities available to you and they are all listed on our website. However, just coming on site allows you to meet a variety of educational standards that are a part of your educational curriculum.

We have narrated sessions and theater presentations all day long. Attending these sessions will meet many of the Common Core English Language Arts Standards (CC-ELA) for speaking and listening including:

- **CCSS.ELA-Literacy.SL.5.1** Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on *grade 5 topics and texts*, building on others' ideas and expressing their own clearly. A. Come to discussions prepared, having read or studied required material; explicitly draw on that preparation and other information known about the topic to explore ideas under discussion. B. Follow agreed-upon rules for discussions and carry out assigned roles. C. Pose and respond to specific questions by making comments that contribute to the discussion and elaborate on the remarks of others. D. Review the key ideas expressed and draw conclusions in light of information and knowledge gained from the discussions.
- **CCSS.ELA-Literacy.SL.5.6** Adapt speech to a variety of contexts and tasks, using formal English when appropriate to task and situation.

Additionally we have educational signs stationed throughout the grounds. These signs alone can meet many of the CC-ELA related to the reading of informational text. Such as:

- **CCSS.ELA-Literacy.RI.5.1** Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text.
- **CCSS.ELA-Literacy.RI.5.2** Determine two or more main ideas of a text and explain how they are supported by key details; summarize the text.
- **CCSS.ELA-Literacy.RI.5.3** Explain the relationships or interactions between two or more individuals, events, ideas, or concepts in a historical, scientific, or technical text based on specific information in the text.
- **CCSS.ELA-Literacy.RI.5.4** Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a *grade 5 topic or subject area*.
- **CCSS.ELA-Literacy.RI.5.5** Compare and contrast the overall structure (e.g., chronology, comparison, cause/effect, problem/solution) of events, ideas, concepts, or information in two or more texts.
- **CCSS.ELA-Literacy.RI.5.7** Draw on information from multiple print or digital sources, demonstrating the ability to locate an answer to a question quickly or to solve a problem efficiently.



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- **CCSS.ELA-Literacy.RI.5.8** Explain how an author uses reasons and evidence to support particular points in a text, identifying which reasons and evidence support which point(s).

In addition to meeting the CC-ELA our narrations and signs also provide information that is related to the following Next Generation Science Standards (NGSS).

- **5-LS1-1.** Support an argument that plants get the materials they need for growth chiefly from air and water.
- **5-ESS3-1.** Obtain and combine information about ways individual communities use science ideas to protect the Earth's resources and environment.
- **Scientific Investigations Use a Variety of Methods.** Science methods are determined by questions. Science investigations use a variety of methods, tools, and techniques.
- **Science is a Way of Knowing.** Science is both a body of knowledge and processes that add new knowledge.

You may opt to have students take what they have learned here and apply it to a research project (informational or persuasive) back at your school, allowing for the integration of additional writing standards. You may find a detailed list of these standards by visiting the grade appropriate standards letter for states using the CC-ELA and NGSS.

We thank you for your consideration and sincerely hope that you will take the time to bring your students to visit our dolphins in our wonderful natural classroom!

Dolphin Research Center Education Team

