

Module 2 ~ A Fish Tale

“A Fish Tale” Presentation (4th - 12th)



Sunshine State Standards

Note: Standards listed in *italics* are touched on briefly and can be more fully developed by the teacher.

4th Grade

- LA.4.1.5.1: TSW demonstrate the ability to read grade level text.
LA.4.1.6.1: TSW use vocabulary that is introduced and taught directly.
LA.4.1.6.2: TSW listen to, read, and discuss familiar and conceptually challenging text.
LA.4.2.2.1: TSW locate, explain, and use information from text features (e.g., table of contents, glossary, headings, charts, graphs, diagrams, illustrations).
LA.4.2.2.2: TSW use information from text to answer questions related to explicitly stated main ideas or relevant details.
LA.4.5.2.1: TSW listen to information presented orally and show an understanding of key points.
SC.4.E.6.6: TSW identify resources available in Florida (water, phosphate, oil, limestone, silicon, wind, and solar energy).
SC.4.L.17.2: TSW explain that animals, including humans, cannot make their own food and that when animals eat plants or other animals, the energy stored in the food source is passed to them.
SC.4.N.1.4: TSW recognize ways plants and animals, including humans, can impact the environment.
SS.4.C.2.1: TSW discuss public issues in Florida that impact the daily lives of its citizens.
SS.4.C.2.3: TSW explain the importance of public service, voting, and volunteerism.
SS.4.G.1.1: TSW identify physical features of Florida.
SS.4.G.1.3: TSW explain how weather impacts Florida.
SS.4.G.1.4: TSW interpret political and physical maps using map elements (title, compass rose, cardinal directions, intermediate directions, symbols, legend, scale, longitude, latitude).

5th Grade

- LA.5.1.5.1: TSW demonstrate the ability to read grade level text.
LA.5.1.6.1: TSW use vocabulary that is introduced and taught directly.
LA.5.1.6.2: TSW listen to, read, and discuss familiar and conceptually challenging text.
LA.5.2.2.1: TSW locate, explain, and use information from text features (e.g., table of contents, glossary, index, transition words/phrases, headings, subheadings, charts, graphs, illustrations).
LA.5.2.2.2: TSW use information from the text to answer questions related to explicitly stated main ideas or relevant details.
LA.5.5.2.1: TSW listen and speak to gain and share information for a variety of purposes, including personal interviews, dramatic and poetic recitations, and formal presentations.
SC.5.L.17.1: TSW compare and contrast adaptations displayed by animals and plants that enable them to survive in different environments such as life cycles variations, animal behaviors and physical characteristics.
SC.5.P.8.1: TSW compare and contrast the basic properties of solids, liquids, and gases, such as mass, volume, color, texture, and temperature.
SS.5.C.2.5: TSW identify ways good citizens go beyond basic civic and political responsibilities to improve government and society.

6th Grade

- LA.6.1.6.1: TSW use vocabulary that is introduced and taught directly.
LA.6.1.6.2: TSW listen to, read, and discuss familiar and conceptually challenging text.
LA.6.2.2.2: TSW use information from the text to answer questions related to the main idea or relevant details, maintaining chronological or logical order.
LA.6.5.2.1: TSW listen and gain information for a variety of purposes, (e.g., clarifying, elaborating, summarizing main ideas and supporting details).



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7th Grade

- LA.7.1.6.1: TSW use new vocabulary that is introduced and taught directly.
- LA.7.1.6.2: TSW listen to, read, and discuss familiar and conceptually challenging text.
- LA.7.2.2.2: TSW use information from the text to state the main idea and/or provide relevant details.
- LA.7.5.2.1: TSW use effective listening strategies for informal and formal discussions, connecting to and building on the ideas of a previous speaker and respecting the viewpoints of others when identifying bias or faulty logic.
- SC.7.E.6.6: TSW identify the impact that humans have had on Earth, such as deforestation, urbanization, desertification, erosion, air and water quality, changing the flow of water.
- SC.7.L.15.3: TSW explore the scientific theory of evolution by relating how the inability of a species to adapt within a changing environment may contribute to the extinction of that species.
- SC.7.L.17.1: TSW explain and illustrate the roles of and relationships among producers, consumers, and decomposers in the process of energy transfer in a food web.
- SC.7.L.17.3: TSW compare and contrast the relationships among organisms such as mutualism, predation, parasitism, competition, and commensalism.

8th Grade

- LA.8.1.6.1: TSW use new vocabulary that is introduced and taught directly.
- LA.8.1.6.2: TSW listen to, read, and discuss familiar and conceptually challenging text.
- LA.8.2.2.2: TSW synthesize and use information from the text to state the main idea or provide relevant details.
- LA.8.5.2.1: TSW demonstrate effective listening skills and behaviors for a variety of purposes, and demonstrate understanding by paraphrasing and/or summarizing.
- LA.8.5.2.2: TSW use effective listening and speaking strategies for informal and formal discussions, connecting to and building on the ideas of a previous speaker and respecting the viewpoints of others when identifying bias or faulty logic.
- SC.8.18.L.1: TSW describe and investigate the process of photosynthesis, such as the roles of light, carbon dioxide, water and chlorophyll; production of food; release of oxygen.
- SC.8.L.18.2: TSW Describe and investigate how cellular respiration breaks down food to provide energy and releases carbon dioxide.
- SC.8.N.1.6: TSW understand that scientific investigations involve the collection of relevant empirical evidence, the use of logical reasoning, and the application of imagination in devising hypotheses, predictions, explanations and models to make sense of the collected evidence.
- SS.8.A.1.2: TSW analyze charts, graphs, maps, photographs and timelines; analyze political cartoons; determine cause and effect.
- SS.8.G.5.2: TSW describe the impact of human modifications on the physical environment and ecosystems of the United States throughout history.

9th - 12th Grades

- LA.910.1.6.1: TSW use new vocabulary that is introduced and taught directly.
- LA.1112.1.6.1: TSW use new vocabulary that is introduced and taught directly.
- LA.910.1.6.2: TSW listen to, read, and discuss familiar and conceptually challenging text.
- LA.1112.1.6.2: TSW listen to, read, and discuss familiar and conceptually challenging text.
- LA.910.2.2.2: TSW use information from text to answer questions or state the main idea or provide relevant details.
- LA.1112.2.2.2: TSW use information from the text to answer questions or to state the main idea or provide relevant details.
- LA.910.5.2.1: TSW select and use appropriate listening strategies according to the intended purpose (e.g., solving problems, interpreting and evaluating the techniques and intent of a presentation).
- LA.1112.5.2.1: TSW demonstrate effective listening skills and behaviors for a variety of purposes, and demonstrate understanding by critically evaluating and analyzing oral presentations.



Florida Invasive Plant Education Initiative • <http://plants.ifas.ufl.edu/education>
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SC.912.L.17.3: *TSW discuss how various oceanic and freshwater processes, such as currents, tides, and waves, affect the abundance of aquatic organisms.*

SC.912.L.17.5: TSW analyze how population size is determined by births, deaths, immigration, emigration, and limiting factors (biotic and abiotic) that determine carrying capacity.

SC.912.L.17.8: TSW recognize the consequences of the losses of biodiversity due to catastrophic events, climate changes, human activity, and the introduction of invasive, non-native species.

SC.912.L.17.9: TSW use a food web to identify and distinguish producers, consumers, and decomposers. Explain the pathway of energy transfer through trophic levels and the reduction of available energy at successive trophic levels.

SC.912.L.17.14: *TSW assess the need for adequate waste management strategies.*

SC.912.L.17.15: *TSW discuss the effects of technology on environmental quality.*

SC.912.L.17.16: TSW discuss the large-scale environmental impacts resulting from human activity, including waste spills, oil spills, runoff, greenhouse gases, ozone depletion, and surface and groundwater pollution.

SC.912.L.17.17: *TSW assess the effectiveness of innovative methods of protecting the environment.*

SC.912.L.18.7: TSW identify the reactants, products, and basic functions of photosynthesis.

SC.912.L.18.8: TSW identify the reactants, products, and basic functions of aerobic and anaerobic cellular respiration.

SC.912.L.18.9: TSW explain the interrelated nature of photosynthesis and cellular respiration.

SS.912.G.5.3: TSW analyze case studies of the effects of human use of technology on the environment of places.

SS.912.G.5.4: TSW analyze case studies of how humans impact the diversity and productivity of ecosystems.



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