

6-12 Everglades Champions in Action Program Alignment to Florida Next Generation Sunshine State Standards (NGSSS) Reference Sheet



6th Grade Science	6th Grade Language Arts	6th Grade Social Studies
SC.6.N.1.1 - Define a problem from the sixth-grade curriculum, use appropriate reference materials to support scientific understanding, plan and carry out scientific investigation of various types, such as systematic observations or experiments, identify variables, collect and organize data, interpret data in charts, tables, and graphics, analyze information, make predictions, and defend conclusions.	LAFS.6.RI.3.7 - Integrate information presented in different media or formats as well as in words to develop a coherent understanding of a topic or issue.	Standard 2: Evaluate the roles, rights, and responsibilities of United States citizens, and determine methods of active participation in society, government, and the political system. SS.6.C.2.1 Identify principles (civic participation, role of government) from ancient Greek and Roman civilizations which are reflected in the American political process today, and discuss their effect on the American political process.
SC.6.N.1.5 - Recognize that science involves creativity, not just in designing experiments, but also in creating explanations that fit evidence.	LAFS.6.SL.1.2 - Interpret information presented in diverse media and formats and explain how it contributes to a topic, text, or issue under study.	
SC.68.CS-PC.3.1- Answer research questions using digital information resources.	LAFS.6.W.1.1 Write arguments to support claims with clear reasons and relevant evidence.	
SC.68.CS-PC.3.3 Describe strategies for determining the reliability of resources or information on the Internet.		
SC.68.CS-PC.3.5 Identify resources such as city, state, and federal government websites and explain that these resources can be used for communication between citizens and government.		
7th Grade Science	7th Grade Language Arts	7th Grade Social Studies
SC.7.N.1.1- Define a problem from the seventh grade curriculum, use appropriate reference materials to support scientific understanding, plan and carry out scientific investigation of various types, such as systematic observations or experiments, identify variables, collect and organize data, interpret data in charts, tables, and graphics, analyze information, make predictions, and defend conclusions.	LAFS.7.W.1.2 - Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.	SS.7.G.5.1 Use a choropleth or other map to geographically represent current information about issues of conservation or ecology in the local community.
SC.7.E.6.6 - Identify the impact that humans have had on Earth, such as deforestation, urbanization, desertification, erosion, air and water quality, changing the flow of water.	LAFS.7.L.3.6 - Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases; gather vocabulary knowledge when considering a word or phrase important to comprehension or expression.	SS.7.C.2.3 Experience the responsibilities of citizens at the local, state, or federal levels.
SC.68.CS-PC.3.1- Answer research questions using digital information resources.		SS.7.C.2.12 Develop a plan to resolve a state or local problem by researching public policy alternatives, identifying appropriate government agencies to address the issue, and determining a course of action.
SC.68.CS-PC.3.3 Describe strategies for determining the reliability of resources or information on the Internet.		SS.7.C.2.13 Examine multiple perspectives on public and current issues.
SC.68.CS-PC.3.5 Identify resources such as city, state, and federal government websites and explain that these resources can be used for communication between citizens and government.		SS.7.C.2.14 Conduct a service project to further the public good.
8th Grade Science	8th Grade Language Arts	8th Grade Social Studies
SC.8.N.1.1-Define a problem from the eighth grade curriculum using appropriate reference materials to support scientific understanding, plan and carry out scientific investigations of various types, such as systematic observations or experiments, identify variables, collect and organize data, interpret data in charts, tables, and graphics, analyze information, make predictions, and defend conclusions.	LAFS.8.RI.1.1 - Cite the textual evidence that most strongly supports an analysis of what the text says explicitly as well as inferences drawn from the text.	Standard 2: Evaluate the roles, rights and responsibilities of U.S. citizens, and determine methods of active participation in society, government and the political system. (This standard in eighth grade focuses on Colonial times, but it would great to compare/contrast their own civic participation via Champions in Action with citizens in Colonial times.)
SC.8.N.4.2 - Explain how political, social, and economic concerns can affect science, and vice versa.	LAFS.8.W.1.2 - Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.	

8th Grade Science	8th Grade Language Arts	8th Grade Social Studies
SC.68.CS-PC.3.1- Answer research questions using digital information resources.	LAFS.8.SL.1.1 - Engage effectively in a range of collaborative discussions with diverse partners on grade 8 topics, texts, and issues, building on others' ideas and expressing their own clearly.	
SC.68.CS-PC.3.3 Describe strategies for determining the reliability of resources or information on the Internet.	LAFS.8.SL.2.4 - Present claims and findings, emphasizing salient points in a focused, coherent manner with relevant evidence, sound valid reasoning, and well-chosen details; use appropriate eye contact, adequate volume, and clear pronunciation.	
SC.68.CS-PC.3.5 Identify resources such as city, state, and federal government websites and explain that these resources can be used for communication between citizens and government.		
Grades 9-12 Science	Grades 9-12 Language Arts	Grades 9-12 Social Studies
SC.912.N.4.1 - Explain how scientific knowledge and reasoning provide an empirically-based perspective to inform society's decision making.	LAFS.K12.W.1.1 - Write arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence.	SS.912.C.2.2 Evaluate the importance of political participation and civic participation.
SC.912.L.17.8 - Recognize the consequences of the losses of biodiversity due to catastrophic events, climate changes, human activity, and the introduction of invasive, non-native species.	LAFS.1112.W.3.7 - Conduct short as well as more sustained research projects to answer a question or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.	SS.912.C.2.3 Experience the responsibilities of citizens at the local, state, or federal levels.
SC.912.L.17.11 - Evaluate the costs and benefits of renewable and nonrenewable resources, such as water, energy, fossil fuels, wildlife, and forests.	LAFS.1112.W.3.9 - Draw evidence from literary or informational texts to support analysis, reflection, and research.	SS.912.C.2.4 Evaluate, take, and defend positions on issues that cause the government to balance the interests of individuals with the public good.
SC.912.L.17.12 - Discuss the political, social, and environmental consequences of sustainable use of land.	LAFS.1112.W.3.9 - Draw evidence from informational texts to support analysis, reflection and research.	SS.912.C.2.5 Conduct a service project to further the public good.
SC.912.L.17.16 - 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.	LAFS.910.RST.1.2 - Determine the central ideas or conclusions of a text; summarize complex concepts, processes, or information presented in a text by paraphrasing them in simpler but still accurate terms.	SS.912.C.2.8 Analyze the impact of citizen participation as a means of achieving political and social change.
SC.912.L.17.17 - Assess the effectiveness of innovative methods of protecting the environment.	LAFS.910.SL.1.1 - Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9-10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.	SS.912.C.2.11 Analyze public policy solutions or courses of action to resolve a local, state, or federal issue.
SC.912.L.17.18 - Describe how human population size and resource use relate to environmental quality.	LAFS.K12.SL.2.4 – Present information, findings, and supporting evidence clearly, concisely, and logically such that listeners can follow the line of reasoning and the organization, development, substance, and style are appropriate to purpose, audience, and task.	
SC.912.L.17.20 - Predict the impact of individuals on environmental systems and examine how human lifestyles affect sustainability.	LAFS.1112.SL.2.4 - Report on a topic or text, tell a story, or recount an experience in an organized manner, using appropriate facts and relevant, descriptive details to support main ideas or themes; speak clearly at an understandable pace.	
	LAFS.1112.SL.1.1.b - Work with peers to promote civil, democratic discussions and decision-making, set clear goals and deadlines, and establish individual roles as needed.	