

Plan It, Map It
Grades 2-5 (grade change)

Standards at a Glance	
Next Generation Sunshine State Standards for Science	SC.2.N.1.1, SC.3.N.1.1, SC.3.N.1.3, SC.3.N.1.4, SC.4.N.1.1, SC.4.N.1.6, SC.3.P.8.2
Computer Science – Florida Standards for Science	SC.K2.CS-CC.1.3, SC.35.CS-CC.1.1, SC.35.CS-CC.1.2, SC.35.CS-CC.1.3, SC.K2.CS-CP.1.2, SC.K2.CS-CP.1.4, SC.35.CS-CP.1.3, SC.K2.CS-CS.2.3, SC.35.CS-CS.2.1, SC.35.CS-CS.2.4, SC.35.CS-PC.3.2
English Language Arts –Florida’s B.E.S.T. Standards	ELA.2.C.4.1, ELA.2.C.5.2, ELA.3.C.4.1, ELA.3.C.5.2, ELA.4.C.5.2, ELA.4.C.4.1, ELA.5.C.4.1
Mathematics – Florida’s B.E.S.T. Standards	MA.2.M.1.1, MA.2.M.1.3, MA.3.M.1.1, MA.3.M.1.2, MA.4.M.1.1 MA.2.GR.1.1, MA.2.GR.2.1, MA.3.GR.2.3, MA.4.GR.2.1, MA.5.GR.3.3
Next Generation Sunshine State Standards – Social Studies	N/A

Standards Highlighted	
Next Generation Sunshine State Standards for Science	
Nature of Science	
SC.2.N.1.1	Raise questions about the natural world, investigate them in teams through free exploration, and generate appropriate explanations based on those explorations.
SC.3.N.1.1	Raise questions about the natural world, investigate them individually and in teams through free exploration and systematic investigations, and generate appropriate explanations based on those explorations.
SC.3.N.1.3	Keep records as appropriate, such as pictorial, written, or simple charts and graphs, of investigations conducted.
SC.3.N.1.4	Recognize the importance of communication among scientists.
SC.4.N.1.1	Raise questions about the natural world, investigate them individually and in teams through free exploration and systematic investigations, and generate appropriate explanations based on those explorations.
SC.4.N.1.6	Keep records that describe observations made, carefully distinguishing actual observations from ideas and inferences about the observations.
Physical Science	
SC.3.P.8.2	Measure and compare the mass and volume of solids and liquids.

Computer Science	
Communication and Collaboration	
SC.K2.CS-CC.1.3	Collaborate and cooperate with peers, teachers, and others using technology to solve problems.
SC.35.CS-CC.1.1	Identify technology tools for individual and collaborative data collection, writing, communication, and publishing activities.
SC.35.CS-CC.1.2	Describe key ideas and details while working individually or collaboratively using digital tools and media-rich resources in a way that informs, persuades, and/or entertains.
SC.35.CS-CC.1.3	Identify ways that technology can foster teamwork, and collaboration can support problem solving and innovation.
Computer Practices and Programming	
SC.K2.CS-CP.1.2	Collect and manipulate data using a variety of computing methods (e.g., sorting, totaling, and averaging).
SC.K2.CS-CP.1.4	Create data visualizations (e.g., charts and infographics), individually and collaboratively.
SC.35.CS-CP.1.3	Identify, research, and collect a data set on a topic, issue, problem, or question using age-appropriate technologies.
Communication Systems and Computing	
SC.K2.CS-CS.2.3	Solve real life issues in science and engineering using computational thinking.
SC.35.CS-CS.2.1	Solve age-appropriate problems using information organized using digital graphic organizers (e.g., concept maps and Venn-diagrams).
SC.35.CS-CS.2.4	Solve real-world problems in science and engineering using computational thinking skills.
Personal, Community, Global, and Ethical Impact	
SC.35.CS-PC.3.2	Gather, organize, and analyze information from digital resources.
English Language Arts – Florida’s B.E.S.T. Standards	
Communication	
ELA.2.C.4.1	Participate in research to gather information to answer a question about a single topic using multiple sources.
ELA.2.C.5.2	Use digital tools to produce and publish writing individually or with peers and with support from adults.
ELA.3.C.4.1	Conduct research to answer a question, organizing information about the topic from multiple sources.
ELA.3.C.5.2 ELA.4.C.5.2	Use digital writing tools individually or collaboratively to plan, draft, and revise writing.
ELA.4.C.4.1 ELA.5.C.4.1	Conduct research to answer a question, organizing information about the topic, using multiple valid sources.
Mathematics – Florida’s B.E.S.T. Standards	
Measurement	

MA.2.M.1.1	Estimate and measure the length of an object to the nearest inch, foot, yard, centimeter or meter by selecting and using an appropriate tool.
MA.2.M.1.3	Solve one- and two-step real-world measurement problems involving addition and subtraction of lengths given in the same units.
MA.3.M.1.1	Select and use appropriate tools to measure the length of an object, the volume of liquid within a beaker and temperature.
MA.3.M.1.2	Solve real-world problems involving any of the four operations with whole-number lengths, masses, weights, temperatures or liquid volumes.
MA.4.M.1.1	Select and use appropriate tools to measure attributes of objects.
Geometric Reasoning	
MA.2.GR.1.1	Identify and draw two-dimensional figures based on their defining attributes. Figures are limited to triangles, rectangles, squares, pentagons, hexagons and octagons.
MA.2.GR.2.1	Explore perimeter as an attribute of a figure by placing unit segments along the boundary without gaps or overlaps. Find perimeters of rectangles by counting unit segments.
MA.3.GR.2.3	Solve mathematical and real-world problems involving the perimeter and area of rectangles with whole-number side lengths using a visual model and a formula.
MA.4.GR.2.1	Solve perimeter and area mathematical and real-world problems, including problems with unknown sides, for rectangles with whole-number side lengths.
MA.5.GR.3.3	Solve real-world problems involving the volume of right rectangular prisms, including problems with an unknown edge length, with whole-number edge lengths using a visual model or a formula. Write an equation with a variable for the unknown to represent the problem.