

## Turning Over a New Leaf

Grades 2-4 (grade change)

Standards at a Glance	
Next Generation Sunshine State Standards for Science	SC.2.L.17.2, SC.4.L.16.2, SC.2.N.1.1, SC.2.N.1.5, SC.3.N.1.1, SC.3.N.1.3, SC.4.N.1.1, SC.4.N.1.6, SC.4.N.1.7, SC.2.P.8.1, SC.4.P.8.1
Computer Science – Florida Standards for Science	SC.K2.CS-CC.1.4, SC.35.CS-CC.1.1, SC.K2.CS-CP.1.3, SC.K2.CS-CS.2.8, SC.35.CS-CS.2.3
English Language Arts –Florida’s B.E.S.T. Standards	ELA.2.C.2.1, ELA.3.C.2.1, ELA.4.C.2.1
Mathematics – Florida’s B.E.S.T. Standards	MA.2.M.1.1, MA.3.M.1.1, MA.4.M.1.1
Next Generation Sunshine State Standards – Social Studies	N/A

Standards Highlighted	
Next Generation Sunshine State Standards for Science	
Life Science	
SC.2.L.17.2	Recognize and explain that living things are found all over Earth, but each is only able to live in habitats that meet its basic needs.
SC.4.L.16.2	Explain that although characteristics of plants and animals are inherited, some characteristics can be affected by the environment.
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.2.N.1.5	Distinguish between empirical observation (what you see, hear, feel, smell, or taste) and ideas or inferences (what you think).
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.4.N.1.1	Raise questions about the natural world, use appropriate reference materials that support understanding to obtain information (identifying the source), conduct both individual and team investigations 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.
SC.4.N.1.7	Recognize and explain that scientists base their explanations on evidence.
<b>Physical Science</b>	
SC.2.P.8.1	Observe and measure objects in terms of their properties, including size, shape, color, temperature, weight, texture, sinking or floating in water, and attraction and repulsion of magnets.
SC.4.P.8.1	Measure and compare objects and materials based on their physical properties including: mass, shape, volume, color, hardness, texture, odor, taste, attraction to magnets.
<b>Computer Science</b>	
<b>Communication and Collaboration</b>	
SC.K2.CS-CC.1.4	Provide and accept constructive criticism on a collaborative project.
SC.35.CS-CC.1.1	Identify technology tools for individual and collaborative data collection, writing, communication, and publishing activities.
<b>Computer Practices and Programming</b>	
SC.K2.CS-CP.1.3	Propose a solution to a problem or question based on an analysis of the data and critical thinking, individually and collaboratively.
<b>Communication Systems and Computing</b>	
SC.K2.CS-CS.2.8	Gather and organize information using concept-mapping tools.
SC.35.CS-CS.2.3	Explain the process of arranging or sorting information into useful order as well as the purpose for doing so.
<b>English Language Arts –Florida’s B.E.S.T. Standards</b>	
<b>Communication</b>	
ELA.2.C.2.1	Present information orally using complete sentences, appropriate volume, and clear pronunciation.
ELA.3.C.2.1	Present information orally, in a logical sequence, using nonverbal cues, appropriate volume, and clear pronunciation.
ELA.4.C.2.1	Present information orally, in a logical sequence, using nonverbal cues, appropriate volume, and clear pronunciation.
<b>Mathematics – Florida’s B.E.S.T. Standards</b>	
<b>Measurement</b>	
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.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.4.M.1.1	Select and use appropriate tools to measure attributes of objects.