


| | Major Concepts / Topics | Possible Resources |
|---------------------------------|--|--|
| Standards Taught All Year | <p>Big Idea #1: The Practice of Science SC.3.N.1.1, SC.3.N.1.2, SC.3.N.1.3, SC.3.N.1.4, SC.3.N.1.5, SC.3.N.1.6, SC.3.N.1.7</p> <p>Big Idea #3: The Role of Theories, Laws, Hypothesis, and Models SC.3.N.3.1, SC.3.N.3.2, SC.3.N.3.3</p> | <ul style="list-style-type: none"> • Scientific Method • Simple and Compound Machines • Measurement Tools  Example questions.pdf |
| Quarter 1 Aug 12– Oct 11 | <p>Major Concepts / Topics</p> <p>Big Idea #8: Properties of Matter SC.3.P.8.1, SC.3.P.8.2, SC.3.P.8.3, SC.3.P.9.1</p> | <p>Possible Resources</p> <ul style="list-style-type: none"> • Properties of Matter • Solids, Liquids and Gases • Gases Around Us |
| Quarter 2 Oct 12 – Dec 20 | <p>Major Concepts / Topics</p> <p>Big Idea #14: Organization and Development of Living Organisms SC.3.L.14.1, SC.3.L.14.2</p> <p>Big Idea #15: Diversity and Evolution of Living Organisms SC.3.L.15.1, SC.3.L.15.2</p> <p>Big Idea #17: Interdependence SC.3.L.17.1, SC.L.17.2</p> | <p>Possible Resources</p> <ul style="list-style-type: none"> • Plants Life Cycle • Parts of a Plant • Parts of a Flower • Animal Classifications • Adaptation • Ecosystems |
| Quarter 3 Jan 6– Mar 12 | <p>Major Concepts / Topics</p> <p>Big Idea #5: Earth Space and Time SC.3.E.5.1, SC.3.E.5.2, SC.3.E.5.3, SC.3.E.5.4</p> <p>Big Idea #6: Earth Structures SC.3.E.6.1</p> | <p>Possible Resources</p> <ul style="list-style-type: none"> • Stars • The Sun • Why the sun looks • Gravity • Seeing Stars |
| Quarter 4 Mar 23 – May 27 | <p>Major Concepts / Topics</p> <p>Big Idea #10: Forms of Energy SC.3.P.10.1, SC.3.P.10.2, SC.3.P.10.3, SC.3.P.10.4</p> <p>Big Idea #11: Energy Transfer and Transformations SC.3.P.11.1, SC.3.P.11.2</p> | <p>Possible Resources</p> <ul style="list-style-type: none"> • All About Energy • Forms of Energy • Heat Energy • Light and Shadows • Light and Mirrors • Light Energy • Friction • Friction and Heat |

All standards are designed to be learned by the end of the course. This guide represents a recommended time line and sequence to be used voluntarily by teachers for planning purposes. Specific questions regarding when content will actually be addressed in a specific course are best answered by the individual teacher.