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| Standards visited **all year** | **Nature of Science**  **Big Idea #1- Scientific Thinking**  [SC.5.N.1.1](http://www.cpalms.org/Public/PreviewStandard/Preview/1705), [SC.5.N.1.2](http://www.cpalms.org/Public/PreviewStandard/Preview/1706), [SC.5.N.1.3](http://www.cpalms.org/Public/PreviewStandard/Preview/1707), [SC.5.N.1.4](http://www.cpalms.org/Public/PreviewStandard/Preview/1708), [SC.5.N.1.5](http://www.cpalms.org/Public/PreviewStandard/Preview/1709), [SC.5.N.1.6](http://www.cpalms.org/Public/PreviewStandard/Preview/1710)  **Big Idea # 2- The Characteristics of Scientific Knowledge**  [SC.5.N.2.1](http://www.cpalms.org/Public/PreviewStandard/Preview/1711), [SC.5.N.2.2](http://www.cpalms.org/Public/PreviewStandard/Preview/1712) |  |
| **Quarter 1**  Aug 10 – Oct 12 | **Major Concepts / Topics** | **Possible Resources** |
| **Big Idea #8- The Properties of Matter**  [SC.5.P.8.1](http://www.cpalms.org/Public/PreviewStandard/Preview/1726), [SC.5.P.8.2](http://www.cpalms.org/Public/PreviewStandard/Preview/1727), [SC.5.P.8.3](http://www.cpalms.org/Public/PreviewStandard/Preview/1728), [SC.5.P.8.4](http://www.cpalms.org/Public/PreviewStandard/Preview/1729)  **Big Idea #9- Changes in Matter**  [SC.5.P.9.1](http://www.cpalms.org/Public/PreviewStandard/Preview/1730)  **Big Idea #13- Forces and Changes in Motion**  [SC.5.P.13.1](http://www.cpalms.org/Public/PreviewStandard/Preview/1738), [SC.5.P.13.2](http://www.cpalms.org/Public/PreviewStandard/Preview/1739), [SC.5.P.13.3](http://www.cpalms.org/Public/PreviewStandard/Preview/1740), [SC.5.P.13.4](http://www.cpalms.org/Public/PreviewStandard/Preview/1741) | [How Do We Do Science?](http://www.floridastudents.org/PreviewResource/StudentResource/112447)  [Skin Cancer Investigation](http://sciencenetlinks.com/interactives/skindeep/interactive/index.html)  [Let’s Investigate](http://www.floridastudents.org/PreviewResource/StudentResource/119284)  [Density](http://phet.colorado.edu/en/simulation/density)  [Marvelous Mixtures](http://www.floridastudents.org/PreviewResource/StudentResource/113196)  [Reversible and Irreversible Changes](http://www.bbc.co.uk/schools/scienceclips/ages/10_11/rev_irrev_changes_fs.shtml)  [Balance Challenge Forces](http://phet.colorado.edu/en/simulation/balancing-act)  [Explore the Forces](http://phet.colorado.edu/en/simulation/forces-and-motion-basics) |
| **Quarter 2**  Oct 16 – Dec 21 | **Major Concepts / Topics** | **Possible Resources** |
| **Big Idea #10- Forms of Energy**  [SC.5.P.10.1](http://www.cpalms.org/Public/PreviewStandard/Preview/1734), [SC.5.P.10.2](http://www.cpalms.org/Public/PreviewStandard/Preview/1715), [SC.5.P.10.3](http://www.cpalms.org/Public/PreviewStandard/Preview/1735), [SC.5.P.10.4](http://www.cpalms.org/Public/PreviewStandard/Preview/1736)  **Big Idea # 11- Energy Transfer and Transformations**  [SC.5.P.11.1](http://www.cpalms.org/Public/PreviewStandard/Preview/1737), [SC.5.P.11.2](http://www.cpalms.org/Public/PreviewStandard/Preview/1716) | [Testing for Static Electricity](http://www.pbslearningmedia.org/resource/phy03.sci.phys.mfe.zele/testing-for-static-electricity/)  [Static Electricity](http://phet.colorado.edu/en/simulation/travoltage)  [Experiment: How to Make a Simple Circuit](http://www.bbc.co.uk/schools/scienceclips/ages/6_7/electricity.shtml)  [Changing Circuits](http://www.bbc.co.uk/schools/scienceclips/ages/10_11/changing_circuits_fs.shtml) |
| **Quarter 3**  Jan 8 – Mar 14 | **Major Concepts / Topics** | **Possible Resources** |
| **Big Idea #5- Earth and Space**  [SC.5.E.5.1](http://www.cpalms.org/Public/PreviewStandard/Preview/1713), [SC.5.E.5.2](http://www.cpalms.org/Public/PreviewStandard/Preview/1714), [SC.5.E.5.3](http://www.cpalms.org/Public/PreviewStandard/Preview/1718)  **Big Idea #7- Earth Systems and Patterns (Water Cycle, Weather, Precipitation)**  [SC.5.E.7.1](http://www.cpalms.org/Public/PreviewStandard/Preview/1719), [SC.5.E.7.2](http://www.cpalms.org/Public/PreviewStandard/Preview/1720), [SC.5.E.7.3](http://www.cpalms.org/Public/PreviewStandard/Preview/1721), [SC.5.E.7.4](http://www.cpalms.org/Public/PreviewStandard/Preview/1722), [SC.5.E.7.5](http://www.cpalms.org/Public/PreviewStandard/Preview/1723), [SC.5.E.7.6](http://www.cpalms.org/Public/PreviewStandard/Preview/1724), [SC.5.E.7.7](http://www.cpalms.org/Public/PreviewStandard/Preview/1725)  **Big Idea # 15 & #17- Diversity and Evolution of Living Organisms/Interdependence (Plants and Animals Survival and Adaptations)**  [SC.5.L.15.1](http://www.cpalms.org/Public/PreviewStandard/Preview/1744), [SC.5.L.17.1](http://www.cpalms.org/Public/PreviewStandard/Preview/1745) | [Solar System Exploration](http://solarsystem.nasa.gov/kids/index.cfm)  [The Solar System](http://www.nasa.gov/audience/forkids/kidsclub/flash/games/levelfive/KC_Solar_System.html#.VXbj-mOgF_J)  [Video: From the Earth to the Moon](http://solarsystem.nasa.gov/multimedia/video-view.cfm?Vid_ID=3583)  [Video: Meteor Showers](http://florida.pbslearningmedia.org/resource/ess05.sci.ess.eiu.meteorshower/meteor-showers/)  [The Treehouse Weather Kids](http://extension.illinois.edu/treehouse/clouds.cfm?Slide=5)  [Video: Kid Meteorologist](http://www.pbslearningmedia.org/resource/ess05.sci.ess.watcyc.kidmeteor/kid-meteorologist/)  [The Water Cycle](http://water.usgs.gov/edu/watercycle-kids-adv.html)  [Animal Adaptations](http://floridastudents.org/PreviewResource/StudentResource/109039) |
| **Quarter 4**  Mar 26 – May 24 | **Major Concepts / Topics** | **Possible Resources** |
| **Big Idea #14- Organization and Development of Living Organisms (Organs of Human Body)**  [SC.5.L.14.1](http://www.cpalms.org/Public/PreviewStandard/Preview/1742), [SC.5.L.14.2](http://www.cpalms.org/Public/PreviewStandard/Preview/1743)  **Big Idea #14- Organization and Development of Living Organisms (Organs of Human Body)**  [SC.5.L.14.1](http://www.cpalms.org/Public/PreviewStandard/Preview/1742), [SC.5.L.14.2](http://www.cpalms.org/Public/PreviewStandard/Preview/1743)  **All other standards revisited and reassessed** | [Your Heart is an Amazing Organ](http://www.floridastudents.org/PreviewResource/StudentResource/112935)  [Human Body Organs](http://kidshealth.org/kid/htbw/)  [Human Body Organs](http://www.accuterm.com/life-sciences.html) |