

Bok Academy North **Comprehensive Science 1 (20020400)/
Comprehensive Science 1 ADVANCED (20020500)**

**Nature of Science standards are to be woven throughout all lessons.

5 Question Reviews Daily.**

Students will be actively engaged in the following ways:

- Quantitative and qualitative observations
- Investigation of thoughtful questions
- Design and conduct experiments and other types of investigations
- Collect and organize data
- Make logical predictions and offer reasonable explanations
- Explore possible conclusions
- Communicate their understanding

[CPALMS STUDENT TUTORIALS, RESOURCES, BREAKDOWN OF STANDARDS](#)

Semester 1

Classroom Environment and Culture Building:
[History of Bok](#), [Bok Way](#), [12 Power Words](#), [Vocabulary of Knowledge and Design](#), [55 Essentials](#). GOOGLE BASICS and Da Vinci

Lab Safety and Inquiry:

All students must read through lab safety rules and obtain a signed permission slip. Beginning labs start with inquiry, how to keep a proper notebook, and expectations of labs.

Intro: [Scientific Experiments](#). Scientific Knowledge.

PROGRESS MONITORING WINDOW

Unit 1 LIVING THINGS

Topic 1: [Cell Theory](#) SC.6.L.14.2, [SC.6.L.14.3](#) Prokaryotic vs Eukaryotic Cells [SC.6.L.14.2](#), [SC.6.L.14.3](#)

Topic 2: [Comparing Plant and Animal Cells](#) SC.6.L.14.4

Topic 3: [The Organization of Living Things](#) SC.6.L.14.4

Topic 4: [Human Body Systems](#) SC.6.L.14.5

Topic 5: Organisms That Infect the Human Body SC.6.L.14.6

Topic 6: [Classifying Living Things](#) SC.6.L.15.1

Unit 2 Energy, Forces, and Motion

Topic 1: [Potential and Kinetic Energy](#) SC.6.P.11.1

Topic 2: [Measuring and Graphing Speed](#) SC.6.P.12.1

PROGRESS MONITORING WINDOW

Semester 2

Unit 2 Energy, Forces, and Motion Con't

Topic 3: [Forces](#) SC.6.P.13.1

Topic 4: Gravity SC.6.P.13.1, SC.6.P.13.2

Topic 5: How Forces Change Motion SC.6.P.13.3

Topic 6: AN ALARMING IDEA

Unit 3 Optional Sounds of Music Unit

Unit 4 Earth's Structures and Systems

Topic 1: [Weathering, Erosion, and Deposition](#) SC.6.E.6.2

Topic 2: Florida's Landforms SC.6.E.6.2

Topic 3: [Heat Transfer Through Earth's System](#) SC.6.E.7.1, SC.6.E.7.4

PROGRESS MONITORING WINDOW

Topic 4: [The Water Cycle, Weather, and Climate, Measuring Weather](#) SC.6.E.7.2, SC.6.E.7.4, SC.6.E.7.5, SC.6.E.7.6

Topic 5: [Winds](#) SC.6.E.7.3, SC.6.E.7.4, SC.6.E.7.5

Topic 6: Ocean Currents SC.6.E.7.3, SC.6.E.7.4

Topic 7: [Earth's Atmosphere](#) SC.6.E.7.8, SC.6.E.7.9

FSA TESTING WINDOW and SCIENCE REVIEW

Winter Break	
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