

**Bok Academy North Comprehensive Science 2 (2002070)/
Comprehensive Science 2 ADVANCED (2002080)**

**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	Semester 2
<hr/> <p align="center">Classroom Environment and Culture Building: History of Bok, Bok Way, 12 Power Words, Vocabulary of Knowledge and Design, 55 Essentials.</p> <hr/> <p align="center">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.</p> <hr/> <p align="center">PROGRESS MONITORING WINDOW</p> <hr/> <p align="center">Unit 1 Earth's Structures Topic 1: Earth's Structure SC.7.E.6.1, SC.7.E.6.5, SC.7.E.6.7 Topic 2: Plate Tectonics and Earth's Changes Surface SC.7.E.6.5, SC.7.E.6.7 Topic 3: The Rock Cycle SC.7.E.6.2 Topic 4: Evidence of Earth's History SC.7.E.6.3, SC.7.E.6.4 Topic 5: The Impact of Humans on Earth SC.7.E.6.6</p> <hr/> <p align="center">Unit 2 Energy Topic 1: Waves and Electromagnetic Energy SC.7.P.10.1, SC.7.P.10.3 Topic 2: The Behavior of Light SC.7.P.10.1, SC.7.P.10.2 Topic 3: Heat, Temperature, and Changes of State SC.7.P.11.1, SC.7.P.11.4 Topic 4: Transformations of Energy SC.7.P.11.2, SC.7.P.11.3</p> <hr/> <p align="center">PROGRESS MONITORING WINDOW</p> <hr/>	<hr/> <p align="center">Unit 3 Living Things Topic 1: The Theory of Evolution SC.7.L.15.1, SC.7.L.15.2, SC.7.L.15.3 Topic 2: Heredity SC.7.L.16.1 Topic 3: Using Punnett Squares SC.7.L.16.2 Topic 4: Asexual and Sexual Reproduction SC.7.L.16.3 Topic 5: Biotechnology SC.7.L.16.4 Topic 6: The Flow of Energy in an Ecosystem SC.7.L.17.1 Topic 7: Relationships Among Organisms SC.7.L.17.2 Topic 8: Limiting Factors in Ecosystems SC.7.L.17.3</p> <hr/> <p align="center">PROGRESS MONITORING WINDOW</p> <hr/> <p align="center">FSA TESTING WINDOW and SCIENCE REVIEW</p>

Winter Break	
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