

Skywatchers of Africa

Grades 4-12

Taped program with liver interactive component

OHIO Standards

Earth & Space Sciences (unless otherwise marked)

Rating Scale	Grade Level	Benchmark	Indicator
1 (main topic)			
2 (covered in detail)	5	A	1. Describe how night and day are caused by the Earth's rotation.
3 (briefly discussed)	8	A	1. Describe how objects in the Solar System are in regular and predictable motions that explain such phenomena as days, years, seasons, eclipses, tides, and moon cycles.

3-5

Benchmark A: Explain the characteristics, cycles, and patterns involving Earth and its place in the Solar System.

6-8

Benchmark A: Describe how the positions and motions of the objects in the universe cause predictable and cyclic events.

MICHIGAN Standards

Standard V.4 Solar System, Galaxy, and Universe (ES)

Rating Scale	S.C.# (Strand)	S.C.# Grade Level	Indicator
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1 (main topic)			
2 (covered in detail)	2	Middle School	3. Describe and explain common observations of the night sky.
3 (briefly discussed)	2	Elementary	2. Describe the motion of the Earth around the Sun, and the Moon around the Earth.

Standard component #2: All students will describe and explain how objects in our Solar System move.

Rating Scale	L.O.	Grade Level	Indicator
1 (main topic)	Unit 1	5	Investigate and observe constellations, and explore legends associated with them.
2 (covered in detail)	1	5	Examine the Earth's rotation and revolution
3 (briefly discussed)	Unit I:B	H.S. Int. Science	Research how different cultures have explained celestial motion and eclipses.

Grade 5

Learning Objective 1: Understands the composition and structure of the universe, and the Earth's place in it.