

Lifestyles of the Stars

Grades 3-8

Taped program with interactive live component

OHIO Standards

Earth & Space Sciences (unless otherwise marked)

Rating Scale	Grade Level	Benchmark	Indicator
1 (main topic)	5	A	4. Explain that stars are like the Sun, some being smaller and some larger, but so far away they look like points of light.
1 (main topic)	8	B	7. Examine the life cycle of a star and predict the next likely stage of a star.
2 (covered in detail)	2	A	2. Observe and describe how the Sun, Moon, and stars all appear to move slowly across the sky.
3 (briefly discussed)	2	A	1. Recognize that there are more stars in the night sky than anyone can easily count.

K-2

Benchmark A: Observe constant and changing patterns of objects in the day and night sky.

3-5

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

6-8

Benchmark B: Explain that the universe is composed of vast amounts of matter, most of which is at incomprehensible distances, and held together by a gravitational force.

MICHIGAN Standards

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

Rating Scale	S.C.# (Strand)	S.C.# Grade Level	Indicator
1 (main topic)			
2 (covered in detail)	2	Middle School	2. Describe and explain common observations of the night sky.
3 (briefly discussed)	1	Middle School	1. Compare the Earth to other planets and moons in terms of supporting life.

Standard component #1: All students will compare and contrast our planet and Sun to other planets and star systems.

Standard component #1: All students will describe and explain how objects in our Solar System move.

TOLEDO DIOCESE Guidelines

Earth & Space Sciences (unless otherwise marked)

Rating Scale	L.O.	Grade Level	Indicator
1 (main topic)	1	5	Investigate and observe constellations, and explore legends associated with them.
2 (covered in detail)			
3 (briefly discussed)	1	5	Examine the Earth's rotation and revolution.

Grade 5

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

