

## Canadian Provincial Correlated Learning Outcomes

### Ontario

#### Grade 9

##### Earth and Space Science: The Study of the Universe (Academic)

1. Demonstrate an understanding of how scientific evidence and technological advances support the development of theories about the formation, evolution, structure, and nature of our Solar System and the Universe;
2. Investigate and predict the appearance and motion of visible celestial objects
3. Evaluate how human endeavors and interest in space have contributed to our understanding of outer space, the Earth, and living things, and describe Canadian contributions to space exploration.

##### Earth and Space Science: Space Exploration (Applied)

1. Demonstrate an understanding of the formation, evolution, structure, and nature of our Solar System and of the Universe;
2. Design and conduct investigations into the appearance and motion of visible celestial objects;
3. Describe how human endeavors and interest in space have contributed to our understanding of outer space, the Earth, and living things, and identify Canadian contributions to space exploration.

#### Ontario Grade 12

##### The Earth As a Planet

1. Demonstrate an understanding of the properties of the Earth and of the internal (geological) and external (cosmic) processes operating on it, and draw comparisons with other objects in the Solar System;
2. Investigate and analyze the Earth's place in the Solar System and the effects of cosmic and geological processes on it and on other objects in the Solar System;
3. Describe and explain how observations of the Earth and other objects in the Solar System, made both from Earth and from space, are used to study and better understand the natural and the human-made environments of the Earth.

### Starry Night Lesson Plans

*In order of relevance*

F3 B1 B2 C1 C2 C3 D1 D2 D3  
I1 I2

E3 A1 A2 A4 A5 C2

H1 I1 I2

F3 B1 H1 H2 H3 G1 G2

E3 A1 A2 A4 A5 C2

H1 I1 I2

F1 F2 F3 C1 B1 D3

B2 F1 F2 D3

I1 I2