

## Canadian Provincial Correlated Learning Outcomes

### British Columbia

#### Grade 6

##### Earth and Space Science: Space exploration

1. Humans have always been curious about space. Knowledge of past and present space exploration is important in developing a greater understanding of our Earth and our future. Students research the history of flight, evaluate piloted and unpiloted space exploration, and describe Canada's space program. They discuss the contributions space exploration has made to everyday life and consider how future space technology may affect them.

#### Starry Night Lesson Plans

*In order of relevance*

H1 F1 F2

2. Students can demonstrate their knowledge of space exploration by constructing time lines and models, or completing written assignments.

B2 C1 C2 C3 D1 D2 D3 H1

3. Students demonstrate their scientific skills and processes when they prepare research reports, demonstrations, and simulations.

All Starry Night Lesson Plans

#### Solar System

1. Through observation and space exploration, people have collected data and made inferences about the characteristics of the planets within our Solar System. By using models, pictures, and diagrams, students begin to explore the spatial relationships and primary features unique to each planet.

B1 B2 C1

2. They can then compare and contrast the conditions that support life on Earth with conditions on other planets and our Moon.

B1 B2 C1 C2 C3 D3

3. They investigate relationships between the Earth, its Moon, and the Sun and relate them to the seasons, tides, eclipses, and phases of the Moon, and discuss how they have affected humans throughout history.

A1 A2 A3 A4 A5

4. Students can demonstrate their knowledge of the Solar System by constructing models, making concept maps, and writing summaries.

B1 B2

5. Students demonstrate their scientific skills and processes when they work with models and draw conclusions about relationships.

A1 A2 A3 A4 A5 C1 C2

#### Grade 7

##### Earth and Space Science: Astronomy

1. The Universe has long been a source of inspiration and speculation for humans. Through research and experimentation, students investigate the characteristics of significant objects outside the Solar System in order to gain an understanding of the complexity of the Universe.

G1 G2 G3 G4 E1 E2 E3

2. Students can demonstrate their knowledge of astronomy through a variety of constructions and written formats.

A1 A2 A3 A4 A5 B2 C1 G1 G3

3. Students demonstrate their scientific skills and processes when they construct models and communicate the primary features outside our Solar System.

G3 G4 G1