

**Newfoundland & Labrador**  
Elementary School

**Starry Night Lesson Plans**  
Grades K-2      Grades 3-4

**Grade 1**

**Earth And Space Science: Daily And Seasonal Changes**

101-6 describe ways of measuring and recording environmental changes that occur in daily and seasonal cycles	1, 2, 4	2, 3
100-14 describe changes in heat and light from the sun	1, 3	2
102-3 observe and describe changes in sunlight and describe how these changes affect living things	1, 3	2
102-4 investigate and describe changes that occur on a daily basis in the characteristics, behaviours, and location of living things	1	
102-5 investigate and describe changes that occur in seasonal cycles in the characteristics, behaviours, and location of living things		2
103-4 investigate and describe human preparations for seasonal changes		2

**Grade 2**

**Physical Science: Relative Position and Motion**

Investigate and describe different patterns of movement.	1, 3, 4	1, 2, 3
Describe the motion of an object in terms of a change in position and orientation relative to other objects.	1, 3, 4	1, 2, 3

**Grade 4**

**Life Science: Light**

303-3 distinguish between objects that emit their own light and those that require an external source of light to be seen	2, 4	1
303-8 compare how light interacts with a variety of optical devices such as kaleidoscopes, periscopes, telescopes, and magnifying glasses	3	
303-2 demonstrate that light travels in all directions away from a source	3	
303-4 investigate how a beam of light interacts with a variety of objects, in order to determine whether the objects cast shadows, allow light to pass, or reflect light	3	
303-5 predict the location, shape, and size of a shadow when a light source is placed in a given location relative to an object	3	2

**Grade 5**

**Earth and Space Science: Weather**

Relate the transfer of energy from the sun to weather conditions.		2
Identify and use appropriate tools, measuring instruments and materials to measure the temperature of soil and water after exposing them to light and draw conclusions.		2