

# Related learning goals

## The Earth and Space

Learning goals	Secondary level				
	1	2	3	4	5
<b>EARTH AND SPACE</b>					
<b>1 : Notions of astronomy</b>					
Defines gravitation as a force of mutual attraction between bodies		★			
Describes the tides in terms of the gravitational effect of the Earth-Moon system				★	
<b>2 : Solar system</b>					
Compares some of the characteristics of the planets in our solar system (e.g. distances, relative sizes, composition)		★			
Explains the alternation of day and night in terms of the Earth's rotation		★			
Explains the phases of the lunar cycle and the evolution of a lunar or solar eclipse		★			
<b>3 : Seasons</b>					
Explains the phenomenon of seasons in terms of the position of the Earth with respect to the Sun (tilt, revolution)		★			
<b>4 : Other phenomena</b>					
Locates the geographic regions where the aurora borealis occurs (polar regions)		★			
<b>5 : The Universe</b>					
Defines a light year as a unit of length corresponding to the distance travelled by light in one Earth year			★		
Compares the relative distances between different celestial bodies (e.g. stars, nebulae, galaxies)			★		
Describes conditions conducive to the development or maintenance of life (e.g. presence of a gaseous atmosphere, water, energy source)*			★		