**10.1. A Molecule Essential for Life.**

* Water is both common and unique.
* Water is the most abundant liquid on Earth, covering over 70% of the planet.
* It moderate our weather, shapes our land and is essential for the existence of life.
* The Earths position from the sun is perfect so that it is neither too close that the oceans would boil, nor so far away where the water would be frozen and unusable for life.

Where there is no water there is no life. As water and life are so strongly linked, scientists search for the universe for signs of water for their quest to discover life.