

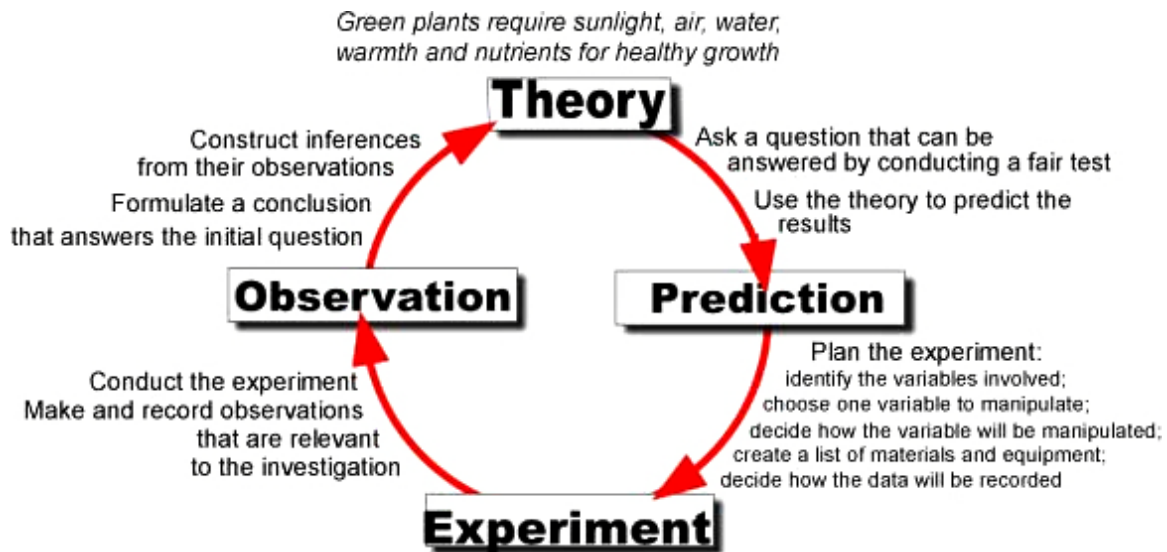
## The Growth of Green Plants – Student Investigation

The basic requirements for the growth of green plants are:

- Sunlight
- Air
- Water
- Nutrients
- Warmth

Plan an investigation to predict what would happen if any of these requirements were not met (e.g. on a space vehicle, on Earth, on the surface of Mars).

In groups, students choose a condition of plant growth and investigate using the following as a guide.



Students will follow a basic Student Investigation Plan (on the following page) to learn more about the PLANNING for scientific inquiry



## **Student Investigation Plan**

**Group members**

**What we predict will happen?**

**What are the conditions we will investigate?**

**How we will conduct a fair test?**

**What we need to perform our investigation?**

**How we will record our observations?**

**How we will communicate our results and conclusions?**

**Teacher comments**