

## DESIGN AN ALIEN

### Your Task:

Draw and describe a living organism that would survive on the planet Zilogon.

### Background Information on Zilogon:

The planet Zilogon orbits a sun that is called Heliogon. The information about the planet is as follows:

- ❖ Size and Mass – same as Earth
- ❖ Gravity – same as Earth
- ❖ Surface Temperature – between  $-20^{\circ}\text{C}$  and  $0^{\circ}\text{C}$
- ❖ Terrain – The ground is very mountainous as a result of volcanic activity. There are dried riverbeds that are the result of fresh water flows millions of years ago. Most of the surface is rusty red in colour because it is mostly iron ore.
- ❖ Water – No water can be found on the planet's surface. There are many underground streams about 30 metres beneath the earth are made of frozen ice. A few underground streams near volcanoes contain liquid water.
- ❖ Atmosphere – The atmosphere or air around Zilogon is 10 kilometres high. It is composed mostly of carbon dioxide, with almost no oxygen. Because there is no water on the surface, there is no rain. However, dry winds up to 50 km/h occur frequently on the planet.