

How I Am Being Assessed _____

An Ecosystem on the Moon

Record your ideas on the requirements for the Moon colony in the table below.

Requirements	Ideas
How will you provide a continuous supply of oxygen?	
How will you provide a continuous supply of food and water?	
What will happen to wastes?	

(a) List the plants and animals that are essential to humans and must be included in your sustainable ecosystem. Explain why you think each organism is essential.

Organism	Why it is essential
Plants	
Animals	

(b) List the things that are needed for the survival of each of the plants and animals on your list.

Organism	Things needed for survival
Plants	
Animals	

In the space below, record any ideas or sketches related to the design of your ecosystem.