

Protecting Life: The Martian Challenge

Extreme-O-File Activity Pages

Name: _____



Protecting Life: The Martian Challenge

Recall the group definition of life and the 4 requirements of life.

What part of the Sun's radiation causes our skin to burn?

(Circle one)

Visible light

Ultraviolet

Infrared

How do you protect yourself from solar radiation?

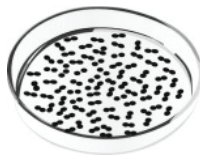
(Write or draw a few examples here)

What type of life are you most likely to find on Mars?

(Circle one)



(Animal)



(Microbes)



(Plant)

Design and draw your Mars Creature here!



Which requirement of life are you adapting your Mars creature to provide (circle one)?

Nutrients

Water

Protection/Shelter

Energy

What protects us from UV radiation on Earth?

Change your creature!



Which worked the best? Which materials were most effective?