



SEARCHING FOR LIFE BEYOND EARTH



ACTIVITY WORKSHEET

NAME: _____

ASTROBIOLOGY JUNIOR SCIENTIST: THE SEARCH FOR LIFE BEYOND EARTH

Write down a few things that were said during the discussion.

Ask a **general question** about life or evolution of life in the universe.

For example: *What are the requirements for life to exist? How could a specific animal on Earth live on a different planet? How could we identify the existence of life elsewhere in the universe?*

Conduct research about your question and write some notes below.

Generating hypotheses helps scientists design their experiment and move through all steps of the scientific method. Now that you have more information, generate a hypothesis. Identify the cause and the effect in your hypothesis.

Briefly describe how you could theoretically test your hypothesis. *Hint: What are the obstacles? What are the results you are looking for? What evidence do you need?*

