

Space Scavenger Hunt

Do you like looking up at the night sky and wondering what is out there? Well in this activity you can find out!

What will I need?

- Name the Celestial Object worksheet
- A sky map or star wheel with planet, star, and constellation names.
- A compass or you can find Polaris (The North Star) first!

Parents corner

Sky maps are easily accessed via the internet or phone application such as Sky Guide. Resources are located on the worksheet.



Where should I go?

Activity can be completed anywhere outside you can see stars. Make sure the Sun completely goes down and you are in a location with as little ambient light as possible.

What do I already know?

1. What are Constellations?
1. Why does the moon have phases?
2. Why do we see different constellations through out the year?



INSTRUCTIONS

NAME THAT CELESTIAL OBJECT!

Can you find these ↓ in the night sky?



Venus



Ursa Major (Big Dipper)



Polaris



Taurus



Orion



Leo



Gemini



Milky Way Galaxy Edge



What phase is the moon currently in?

Resources:

- skyandtelescope.org
- <https://www.amnh.org/explore/ology/astronomy/a-kid-s-guide-to-stargazing>



What did I learn?

1. How many stars are in Orion's belt?
2. Name two constellations that you can see all year? Why?
3. Compare and contrast Venus and Polaris.
4. Can you create your own constellation based on the stars you see? We want to see them!



GREAT JOB

WANT TO SHARE YOUR GREAT WORK?

Have your parents upload all of your fabulous work to their Facebook or Instagram Pages and tag @GSMIDTN so all of your Girl Scout sisters can see too!

