

Beavers Space Badge

Identify At Least One Constellation You Can See

Dot To Dots®

By Samantha Eagle

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Identify At Least One Constellation You Can See

Dot To Dots[©]

Overview

The children will become familiar with what a constellation is and where you can see them. They will then do a little activity of joining dots together to make constellations and then match them against star charts to find out their name.

Preparation Before The Meeting

1. Print out the two star maps found on the next page of this document. You need one for 3 children sharing
2. Print out the dot to dots of the constellations – found in this document. You need one for each child

Materials Needed

- Pen/Pencil per child

Activity One - Directions/Leader Speak

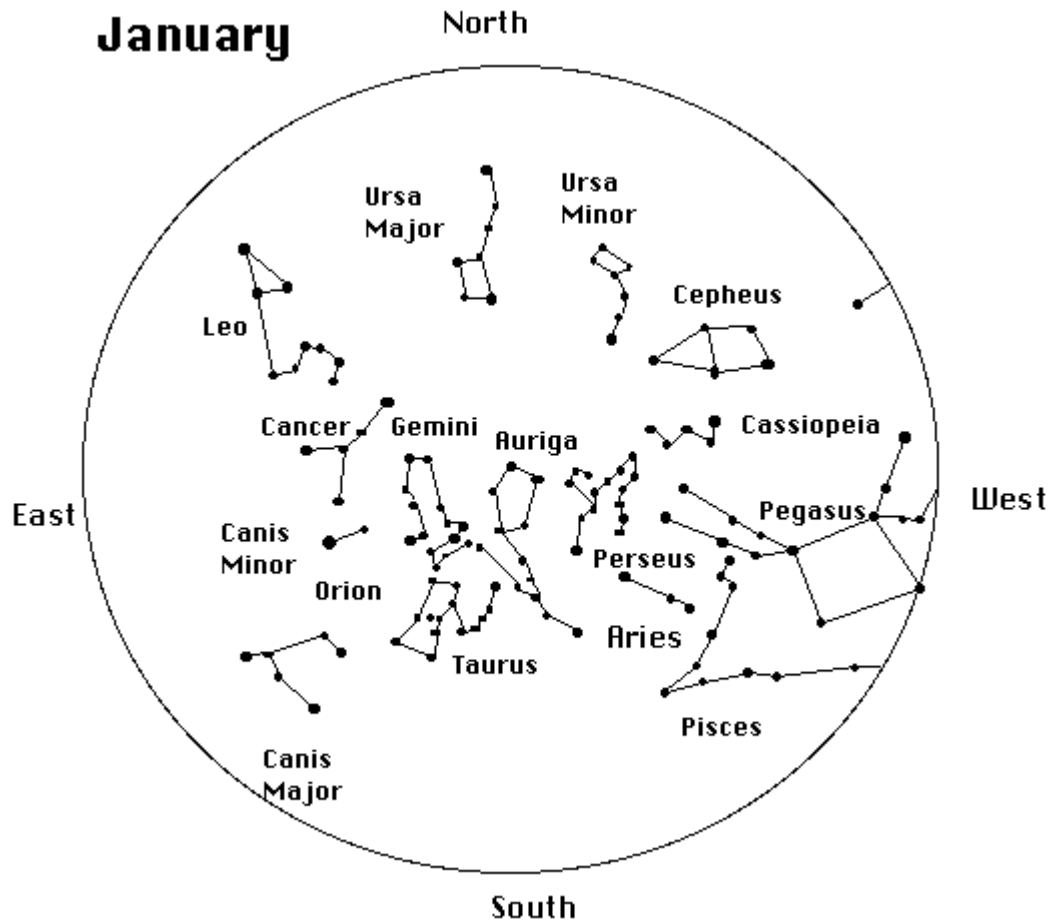
1. **Speak** - For the next task in our Space badge we need to know what 'Constellations' look like
2. **Speak** - Constellations are **pictures** made up of **bright stars** which appear close to each other in the sky. Like a game of **connect the dots**, if you use your imagination when you look at the stars, you may see a dog or a cat or some other interesting figure
3. **Speak** - Many different constellations fill the evening sky. Depending on your location, different constellations can be seen for each season. Quite a lot of the time depending on where you live you may not see many because the air is too polluted
4. **Speak – (if you are able to)** Let's just pop outside and see if we can see any groups of stars tonight in the sky
5. **Direction** – Hand out the January and July star maps
6. **Speak** - These handouts are star maps which are displaying different constellations that you may see in the sky at night. You will notice on these maps that some of the constellations are the same but appear in different positions for example, 'Ursa Minor'. This is because at each month of the year the constellations will appear to move in different positions
7. **Speak** - Now I am going to give you some handouts of different constellations and I want you to join the dots to see if they form a picture. Then using your 'Constellations' handout write the name of the constellation that you think it is next to it

ANS.

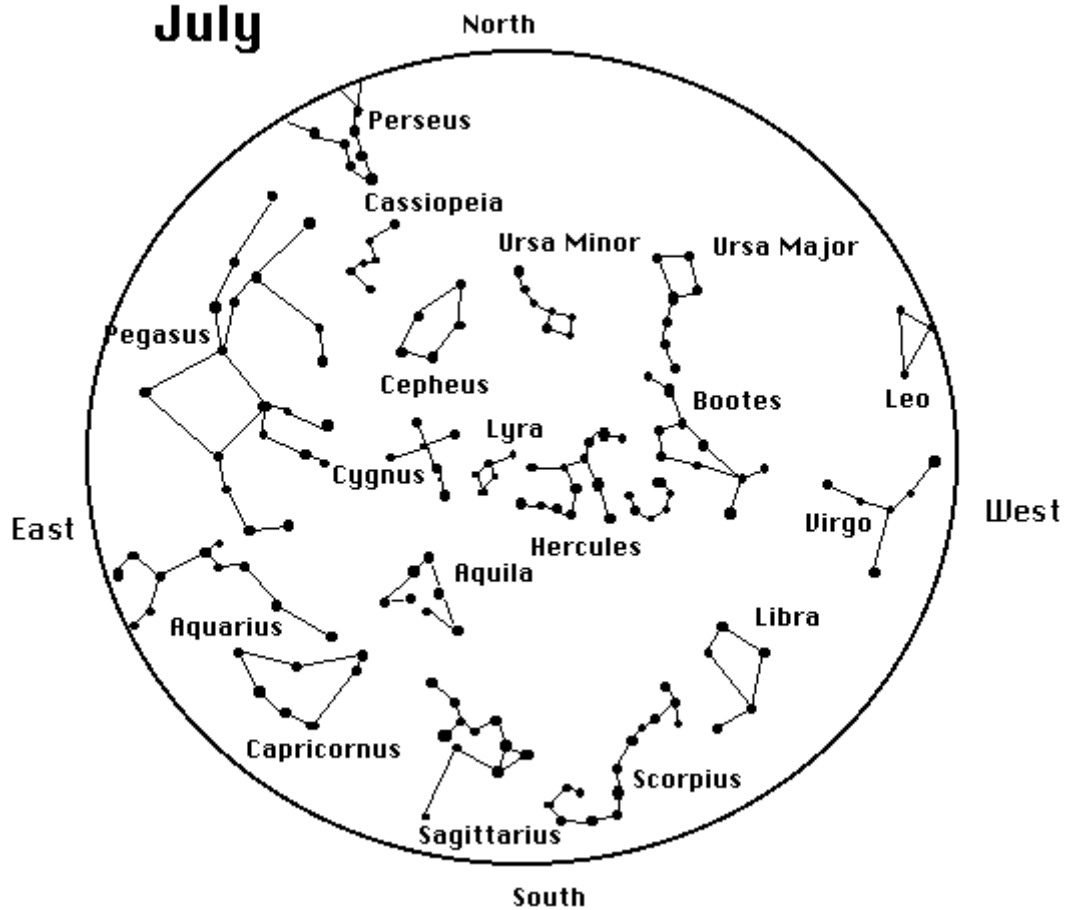
- | | | |
|---------------|---------------|------------|
| 1. Ursa Major | 4. Cassiopeia | 7. Virgo |
| 2. Ursa Minor | 5. Libra | 8. Cepheus |
| 3. Leo | 6. Hercules | 9. Aquilla |

CONSTELLATION MAPS

January



July



CONSTELLATIONS

3

1

2

4

6

5

7

8

9
