



Glow-in-the-dark constellation

Supplies Needed:

- Black construction paper
- Glow-in-the-dark foam star stickers
- Glow-in-the-dark glitter glue (optional)
- White Chalk
- Constellation Diagrams

Instructions:

1. Find a constellation you want to make. (SkyView app has many option)
2. Use chalk to draw the outline of the constellation on your black construction paper.
3. Place dots on the spots where the stars are found, then place the glow-in-the-dark star stickers over the dots.
4. Optional: Cover the outline with glow-in-the-dark glitter glue for an extra glow.

What did you learn?

Stars have been studied for hundreds of years. Stars have a relatively fixed position in the sky so the stars were used by the person steering the ship to calculate where they were going. They called this practice celestial navigation. Now we use stars to understand how the universe began. Our sun is a star, in fact it is the closest star to the Earth. Our sun is one of many stars in our galaxy. **Do you know the name of the galaxy we live in?** It is the Milky Way and it is one of many galaxies in the universe! **Do you think that the sun is that largest star in the Universe? Why or why not?** It is not! It only appears so big because of how close it is to us. The sun is only medium sized, other stars in the universe are much bigger but are light years away.

Information referenced from NAP: Earth and Space Sciences and photo obtained from artsymomma