

A Science Lesson



IT'S IN
THE STARS



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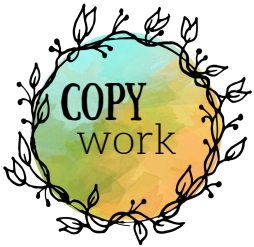
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Let's learn about the stars! I've always loved looking up into the night sky and seeing all of the different patterns that the stars can make. Looking up and learning about the stars in the sky and the constellations they're a part of can be such a fun lesson! You can use my accompanying constellation cards to see if you can find the stars that are visible in the sky any time of the year, since these cards that are organized by season. Take your telescope outside and learn together in this fun, hands on way!



When you begin to look at the sky, the stars may all seem alike to you. But take your time, look for a while, and you will begin to see differences. (*from The Sky is Full of Stars*)

Did you know that God knows exactly how many stars there are in the entire universe? He not only knows how many there are, but He knows them all by name! He knows who you are and knows your name, too. The creator of the universe knows how special you are and loves you.

He counts the number of the stars; He calls them all by name. Great is our Lord, and mighty in power; His understanding is infinite.
Psalm 147:4-5



Create your own constellation embroidery!

You do not need to be a master seamstress to accomplish this fun handicraft. If your children are too young to safely use needles, then you can use cross stitch fabric with plastic needles, or simply glue some string onto paper. No need to overcomplicate this activity!

Supplies you will need:

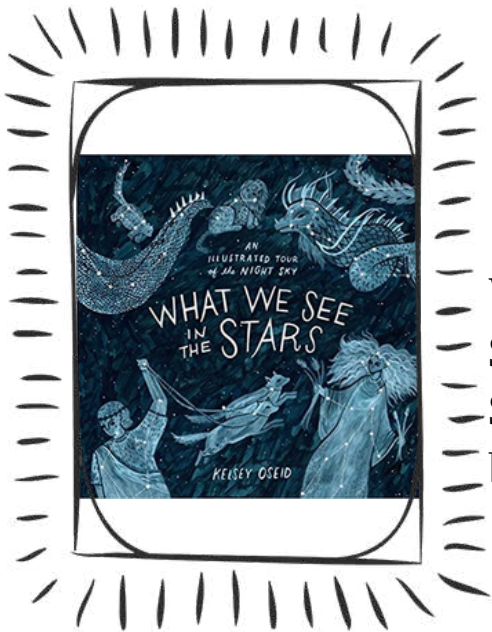
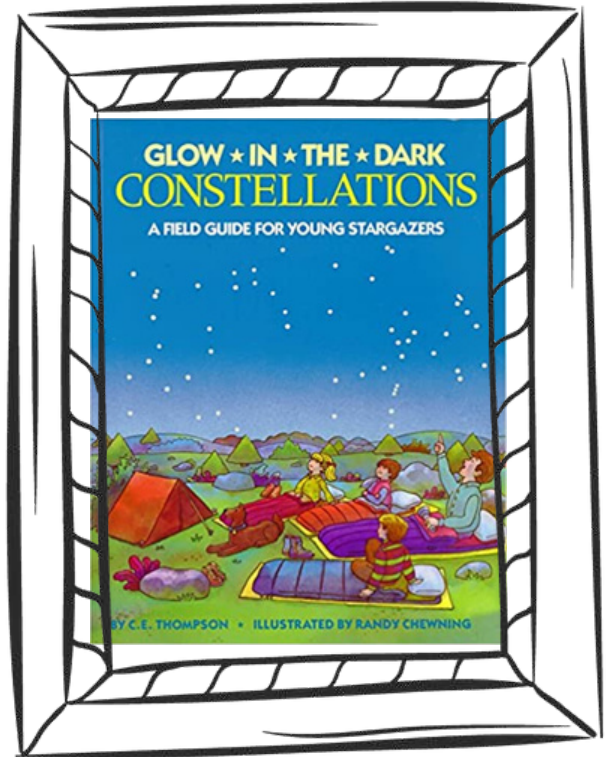
- Embroidery hoop
- String
- Needle
- Fabric
- Chalk

Trace out the constellation you'd like to create with chalk onto the fabric. Place the embroidery hoop around your work space on your fabric and start stitching! Make the stars in a simple five point star pattern, as asterisc pattern, or however you would like for them to look.



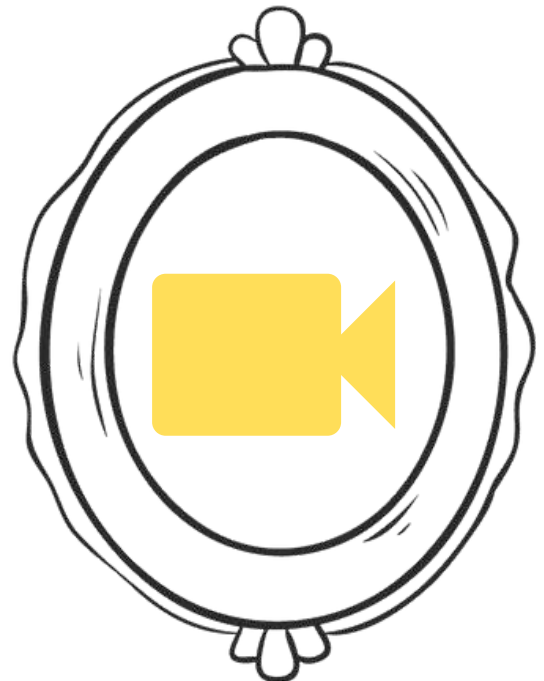
Let's read more about the stars and constellations with these amazing books!

Glow in the Dark Constellations by C.E. Thompson

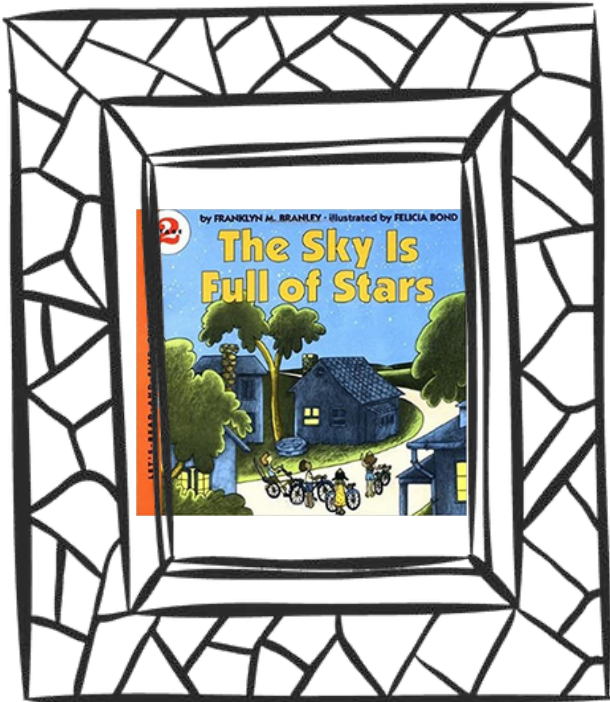


What We
See in the
Stars
by Kelsey Oseid

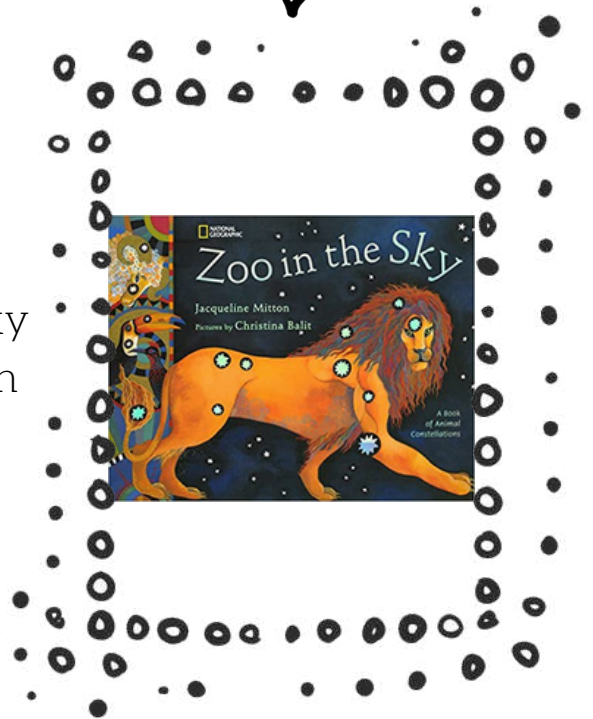
Check out Constellations: Connect the Dots in the Sky by SciShow Kids on YouTube!



The Sky is Full of Stars
by Franklin M. Branley



Zoo in the Sky
by Jacqueline Mitton



Night Sky
by Meredith Hamilton



-Vocabulary Words: You will have vocabulary words to add to your child's notebook in every lesson. Of course, make sure this is age appropriate. For younger children, just discuss the definitions or use as copywork. For older children, they may look up the definitions themselves in the dictionary or use it as copywork.

- Astronomy

- Constellation

-Using marshmallows and toothpicks, create a few of your favorite constellations.

-Using black craft paper, cut out a circle the same diameter as an empty toilet paper roll. Use a pin to poke holes in the pattern of a constellation. Rubber band the paper to the bottom of the toilet paper roll and see your favorite constellation anytime of day when you look through!

-Visit www.nasa.gov to go on some fun virtual tours and STEM engagement.

-Create your own constellation with star stickers and chalk on black paper. The sky is the limit with this one!