



Creating Constellations

Seeing Starry Shapes

Beginner: Point at a star, then point to another one saying the direction you pointed from one star to the other each time.

[Tip]: Use words like left, right, up, and down.

Intermediate: Look up at the sky and talk about the shapes formed by clusters of stars.

[Tip]: Describe how stars form shapes using words like next to, to the left/right of, under, and above to describe their positions.

Experienced: Talk about complex forms outlined by stars, like animals, people, or objects!

[Tip]: Describe how stars form shapes using words like next to, to the left/right of, under, above, and “at two o’clock,” to describe their positions.

Why is this important? Learning and describing shapes and relative positions helps children with future math success.

Looking for more information? Check out our [Shapes](#) resource to see which ones you can find!

References: POEM 2012 Conference (2012). (2014). Early mathematics learning. (U. Kortenkamp, Ed.). Springer. <https://doi.org/10.1007/978-1-4614-4678-1>