

THE WONDER LIST

STARS

Playful prompts and activities that turn everyday moments into wonder-filled discoveries - for families, anywhere, every day.

Mark with an X when completed



1 STAR GAZER

See stars better by letting your eyes adjust to night vision: **Sit in darkness for 20 to 30 minutes-no screens and no flashlights!** Count how many stars you can see at 5, 15, and 25 minutes.



2 NAME GAME

Throughout history, people all over the world, including the ancient Greeks, Hawaiians and Bedouin have had their own names for the stars. Today, astronomers work together to make an official star list so everyone can use the same names. **Go outside, pick a star, and name it yourself.**



3 WHERE'S ORION?

This April, if you're in the Northern Hemisphere, **look for the three stars in a row that make up Orion's belt** low in the western sky shortly after sunset; in the Southern Hemisphere, he appears in the northwestern sky.



4 COLOR BURST

Stars aren't all white: A star's color depends on its temperature and life cycle. Go out at night and **look for a cooler, reddish star like Betelgeuse in Orion and compare it to a hot, bluish star like Rigel in Orion.**



5 STABLE STAR

For hundreds of years, travelers in the Northern Hemisphere have used **Polaris, the North Star**, to find their way at night because this star is aligned with Earth's northern axis, and so other stars appear to wheel around it. **Can you find this star together?**

