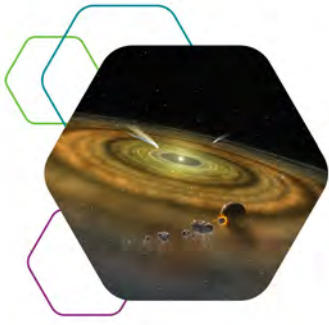


EXPLORING THE SOLAR SYSTEM

Big Sun, Small Moon

Trick your eyes with distance and size!

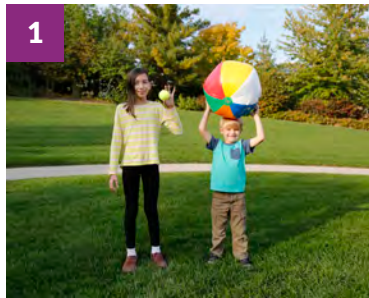




EXPLORING THE SOLAR SYSTEM

Big Sun, Small Moon

Try this!



A tennis ball and a beach ball are different sizes. Can you make them *appear* to be the same size?



Hand the beach ball to a friend. What happens to the *apparent size* of the beach ball if your friend walks away?



Now, hold up the tennis ball. Can you make the tennis ball and the beach ball appear to be the same size? How far apart are you and your friend?