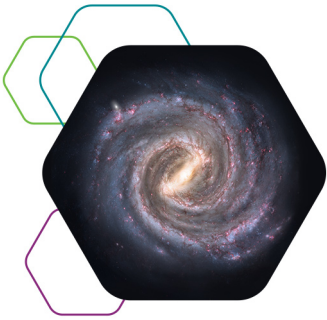


EXPLORING THE UNIVERSE

# Orbiting Objects

Give gravity a whirl!





# EXPLORING THE UNIVERSE

## Orbiting Objects

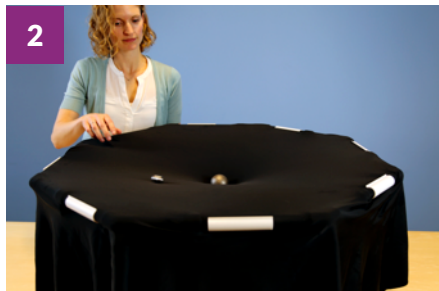
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### Try this!



Place the largest ball in the center of the black fabric. Gently roll one of the smaller balls around the center ball. What do you notice?

*Tip: To make a ball “orbit,” start near the rim and roll it along the edge of the well (not straight down to the center).*



Keep experimenting with different balls. Can you get two balls to revolve at the same time? What does this remind you of?



Now, place the small, heavy ball in the center. What happens when you roll the largest ball?