

# Ignite STEAM Lessons in the Summer with Hatch Early Learning

Enjoy this fun activity and foster continuous learning during the summer months. Designed to encourage curiosity and hands-on experimentation, these lessons are offered for families and caregivers to facilitate with children at home.



## KICK HARD, KICK SOFT

**Goal:** To help your child practice predicting or guessing what will happen

**Materials:** A soccer or bouncy ball

**Overview:** Predicting or guessing what will happen is an important science skill. During this activity, your child will predict or guess how far a ball will move when they kick it harder or softer.

**Directions:**

1. Tell your child that you are going to play a guessing game. You can explain that when you make a prediction, you are guessing what you think will happen.
2. Ask your child to predict what will happen if they give the ball a small, soft kick. Do they think the ball will move a short distance or a long distance?
3. After your child has made their prediction, tell your child to give the ball a small, soft kick and then talk about what happens. Did the ball move a short distance or a long distance?
4. Ask your child to make predictions about how the ball will move depending on how they kick the ball and then help them test their predictions.