



## EXPLORING HOW TO MAKE OBJECTS MOVE

EARLY INTERVENTION WITH YOUR YOUNG CHILD

Every child is different. Do what works best for encouraging your child's independent exploration of this suggested activity.



### ACTIVITY DESCRIPTION:

Model pushing a ball with a big push and a little push to show the child the difference in what happens. Let the child try giving the ball a big push and a little push and narrate as the child does this.

### STEM LEARNING AREA:

#### **Physical Science (concepts related to objects/things, what they do, and how they move):**

- Force & Motion (concepts related to objects moving, how they move, and how to make them move)
- Exertion of Force (doing something to make something else move)

### STEM PROGRESSION STEP:

**Force Recognizer:** Understands how to exert more or less force to change how an object will move

### WHAT CAN I SAY?:

- Push, Throw, Move
- "Wow that ball went fast and far when you gave it a big push!"
- "What will happen if we give the ball a little push? Will it go as far? What if we give it a big push?"

### IDEAS TO SUPPORT MY CHILD'S GOAL:

Image credit: Pexels



## EXPLORING MOVING OBJECTS DURING BATHTIME

EARLY INTERVENTION WITH YOUR YOUNG CHILD

Every child is different. Do what works best for encouraging your child's independent exploration of this suggested activity.



### ACTIVITY DESCRIPTION:

During bathtime, move different objects around for your child in the bath. Encourage your child to move objects in different ways such as pushing, dropping it into the water, or moving the object while holding it.

### STEM LEARNING AREA:

#### **Physical Science (concepts related to objects/things, what they do, and how they move):**

- Force & Motion (concepts related to objects moving, how they move, and how to make them move)
- Exertion of Force (doing something to make something else move)

### STEM PROGRESSION STEP:

**Force Noticer:** Has an intuitive understanding that force can be exerted on objects to create motion

### WHAT CAN I SAY?:

- Move, Drop, Push
- "You push!"
- "You throw!"
- "I noticed you dropped the ball into the bath. Now you are pushing it in the water."
- "I wonder how we can get Mr. Ducky to the other side of the tub. Can you help me?"

### IDEAS TO SUPPORT MY CHILD'S GOAL:

Image credit: Christina Mulcahy





# PLAYING WITH SWINGS

EARLY INTERVENTION WITH YOUR YOUNG CHILD

Every child is different. Do what works best for encouraging your child's independent exploration of this suggested activity.



## ACTIVITY DESCRIPTION:

Help your child think about how they can change how high the swing goes while swinging at the playground (e.g., giving the child a big push on the swing will help them go higher).

## STEM LEARNING AREA:

### **Physical Science (concepts related to objects/things, what they do, and how they move):**

- Force & Motion (concepts related to objects moving, how they move, and how to make them move)
- Exertion of Force (doing something to make something else move)

## STEM PROGRESSION STEP:

**Force Identifier:** Understands how changes to the amount of force exerted will change how an object moves

## WHAT CAN I SAY?:

- Push, Move, Force
- "Wow, that was a lot (or a little) force you made!"
- "You went higher and faster when I gave you a big push!"
- "I wonder how we can move the swing higher? Can you help me? Should we give it a little push or big push?"

## IDEAS TO SUPPORT MY CHILD'S GOAL:

Image credit: Pexels

