

Objective

By the end of this lesson, the student will be able to describe and compare the masses of different objects using simple language and concepts. The student will learn to recognize which objects are heavier or lighter and understand the idea of mass in a fun and engaging way.

Materials and Prep

- Various household objects (e.g., a toy, a book, a spoon, a ball, etc.)
- Two empty hands (the student's hands!)
- Optional: A scale (if available, but not necessary)
- Space to move around and play with the objects

Before the lesson, gather a variety of objects of different sizes and weights. Make sure the student can lift and hold each object safely.

Activities

- **Object Weight Guessing Game:** Have the student pick two objects and guess which one is heavier. Encourage them to lift each object and share their thoughts before revealing the answer. This will help develop their reasoning skills.
- **Balance Challenge:** Use their hands to balance two objects at the same time. Ask them to describe which side feels heavier or lighter. This activity will engage their physical senses and understanding of mass.
- **Story Time with Weights:** Create a short story that includes the different objects they are comparing. For example, "The heavy book and the light spoon went on an adventure." This will help them visualize the concept of mass in a fun way.
- **Mass Showdown:** Line up all the objects and ask the student to arrange them from the lightest to the heaviest. This will reinforce their understanding of comparing masses.

Talking Points

- **"What do you think is heavier, the toy or the book?"** - This encourages the student to think critically about the objects and make predictions.
- **"Can you lift both objects at the same time? Which one feels heavier?"** - This engages their physical interaction with the objects and helps them feel the difference in mass.
- **"Let's pretend the spoon is a spaceship and the book is a giant! Who do you think can lift who?"** - This adds a fun element to the lesson, making it relatable and imaginative.
- **"Why do you think the ball rolls? Is it because it's light?"** - This question helps them connect the concept of mass with movement and encourages exploration.
- **"Great job! Now can you tell me which object is the lightest?"** - This reinforces their learning and encourages them to articulate their thoughts.