

Comparing two objects by weight

Annotation

Mia shows that she understands the attribute of weight by holding an object in each hand and identifying that the object that has a greater downward pull on her hand is heavier. She is also able to transfer this understanding to the balance scales by identifying that the pan that goes down holds the heavier object.

Problem: Comparing two objects by weight

The teacher places two objects that are a similar size but have different weights in the student's hands and asks:

Which one is heavier?



Student Response

Mia: The orange.

Teacher: Put the apple and the orange on the balance scale and see if you are right.

Mia: Mia places the apple in one pan and the orange in the other.

Teacher: Are you right?

Mia: Yes.

Teacher: How do you know?

Mia: Mia points to the pan containing the orange.
Because it goes down.