

Balance It Out

Purpose & SOL

- Given two pictures, students will be asked to decide which object would be heavier.
- Math K.9

Materials

- Balance Scale cards (make 4 copies, cut apart)
- Pictures (make 1 copy, cut apart)
 Clipart courtesy of Microsoft Office
- Recording sheet



Introduction

Have a conversation about how you can use a balance scale to decide which object is heavier, when given two objects. What does the balance scale do? Model using your arms, that the heavier object goes down because it weighs more/has more mass. And your other arm should stay up high showing that the object in that hand is lighter/has less mass. Come up with a few examples and have the class model what a balance would look like, using their arms. Repeat the motion 5 times before moving on to the next set of objects.

Implementation

Scoot

- 1) Place the cards around the room making sure to put a balance scale with each pair of numbered cards.
- 2) Give each student a recording sheet and assign them to a set of cards.
- 3) On "go", the student will decide which object is "heavy" and which object is "light". They will record the heavy object on their sheet in the box that matches the number on the card.
- 4) After they've answered, they should act like a balance scale to show they are done. (ex. One arm lower than the other. Repeat this motion 5 times.)
- 5) When ready, tell the students to rotate (1 goes to 2, 2 goes to 3, ... 24 will go to 1).
- 6) Continue until students have been to all 24 stations.

Cool Down

Review the answers while breathing and stretching.

Modifications

Partner up students and only do 12 stations.

Or give each student a card, have them find their partner (based on the number at the top of the card), and then they would act out the scale (partner with the heavier card squats down while they partner with the lighter card reaches up,). Have the class trade cards and repeat.



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Balance It Out Recording Sheet: Numbers 1 - 24

-- Record the word of the heavier object --

1)	2)	3)	4)	5)	6)
7)	8)	9)	10)	11)	12)
13)	14)	15)	16)	17)	18)
19)	20)	21)	22)	23)	24)



























