

Measurement — Weight with the Balance Scale

Base Sheet

Activity Sheet

The child measures objects using standard gram weights on a balance scale, recording the weight of each object. This lesson connects the sensorial exploration of weight to precise mathematical measurement.

What You Need:

- Balance scale
- Standard gram weights (1g, 5g, 10g, 20g, 50g)
- Objects to weigh (eraser, crayon, small toy, apple, pencil, stone)
- Recording chart
- Pencil

Steps:

1. 'Yesterday in sensorial work we compared objects — heavier and lighter. Today we will find out EXACTLY how heavy things are!'
2. Present standard gram weights: 1g, 5g, 10g, 20g, 50g. Child holds each.
3. Place an eraser on one side of the scale. Add gram weights to the other side until balanced.
4. 'The eraser weighs ____ grams!' Record on the chart.
5. Weigh 5-6 classroom objects. Child records each in a chart (object name, estimated weight, actual weight).
6. 'Which was the heaviest? The lightest? Were your estimates close?'
7. Challenge: 'Can you find something that weighs exactly 20 grams?'

Work Space:

