Varied Fluency
Step 1: Measure Mass 1

National Curriculum Objectives:

Mathematics Year 3: (3M2b) Measure mass (kg/g)

Differentiation:

Developing Questions to support measuring mass. Increments of 1, 2, 5 or 10 used. All increments labelled.

Expected Questions to support measuring mass. Increments of 4, 8, 50 or 100 used. Some scales have every other increment labelled.
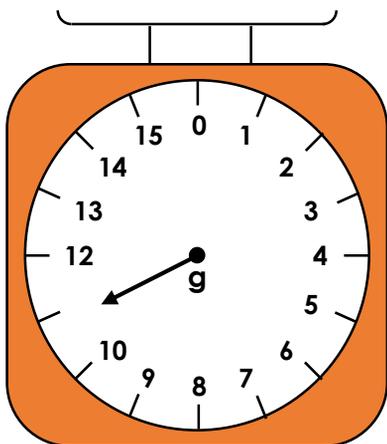
Greater Depth Questions to support measuring mass. Increments of 4, 8, 50 or 100 used, but (most/no) increments are (not) labelled on the scales.

More Year 3 Mass and Capacity resources.

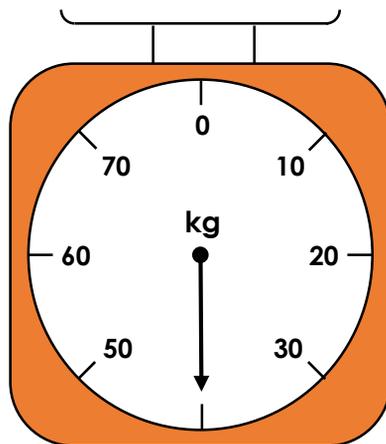Did you like this resource? Don't forget to review it on our website.

1a. What mass is the arrow showing on this scale?

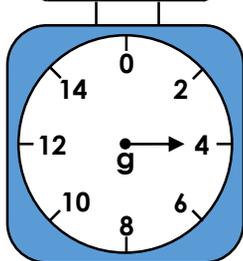**1b.** What mass is the arrow showing on this scale?
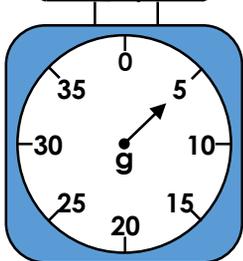
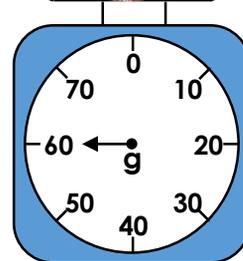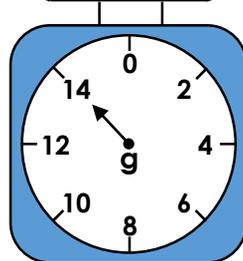**2a.** Which object is the heaviest?

A   B

2b. Which object is the lightest?
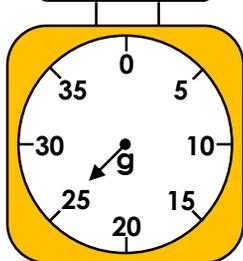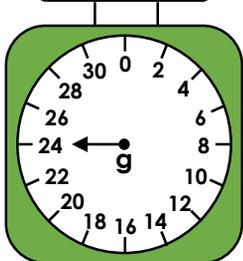
A   B

3a. How much does each object weigh?

A   B

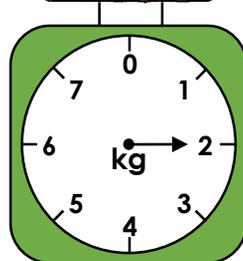**3b.** How much does each object weigh?

A   B

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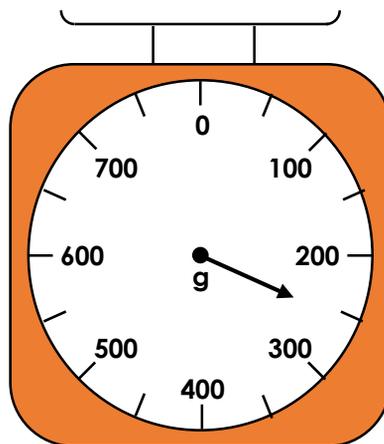**Varied Fluency – Measure Mass 1 – Year 3 Developing**

CLASSROOM Secrets
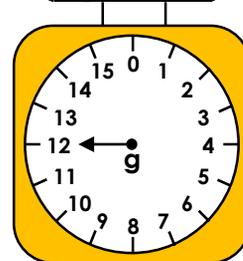
4a. What mass is the arrow showing on this scale?
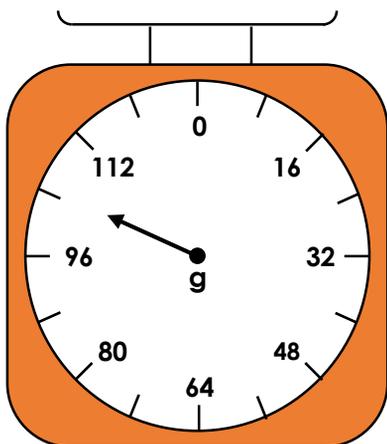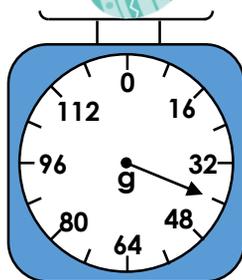
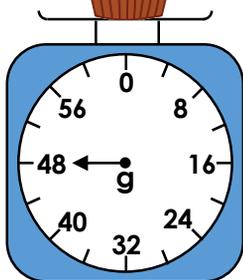**4b. What mass is the arrow showing on this scale?**
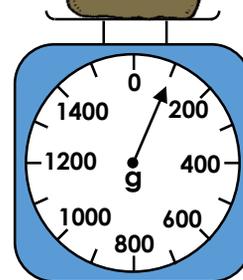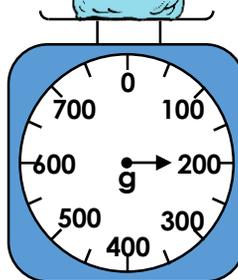
5a. Which object is the heaviest?

A   B

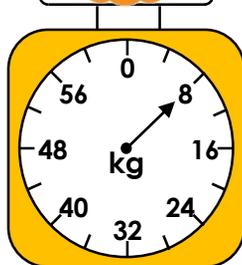**5b. Which object is the lightest?**

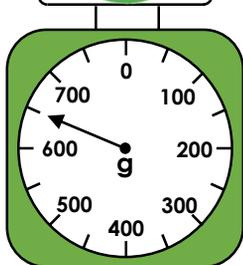A   B

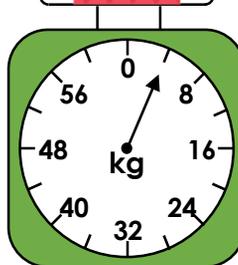FLOUR   RICE

6a. How much does each object weigh?

A   B

6b. How much does each object weigh?
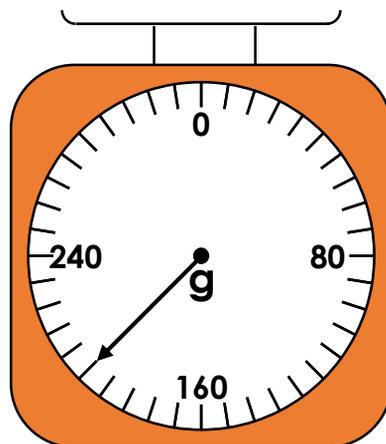
A   B
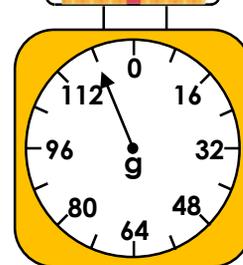
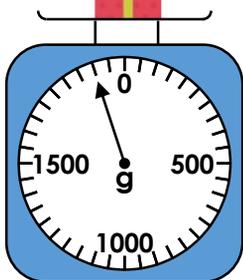**7a. What mass is the arrow showing on this scale?**

GD
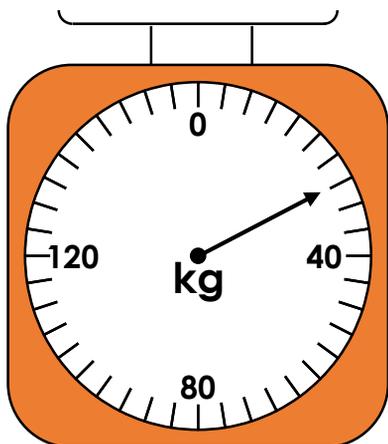
VF

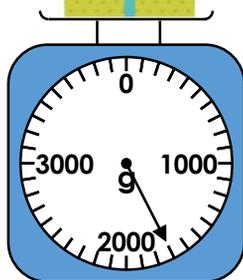**7b. What mass is the arrow showing on this scale?**
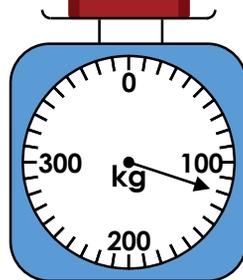

GD

VF

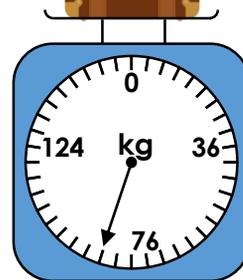**8a. Which object is the heaviest?**

GD

VF

8b. Which object is the lightest?

GD

VF

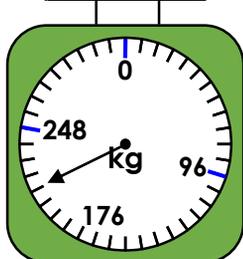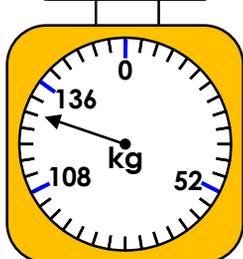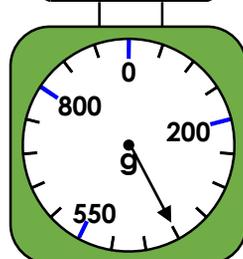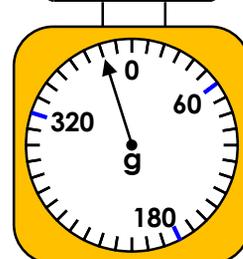**9a. How much does each object weigh?**

GD

VF

9b. How much does each object weigh?

GD

VF

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Varied Fluency – Measure Mass 1 – Year 3 Greater Depth

Developing
1a. **11g**
2a. **A**
3a. **A = 24g, B = 25g**

Expected
4a. **104g**
5a. **A**
6a. **A = 650g, B = 8kg**

Greater Depth
7a. **28kg**
8a. **A**
9a. **A = 216kg, B = 128kg**

Developing
1b. **40kg**
2b. **A**
3b. **A = 2kg, B = 12g**

Expected
4b. **250g**
5b. **B**
6b. **A = 4kg, B = 120g**

Greater Depth
7b. **200g**
8b. **B**
9b. **A = 400g, B = 380g**