Varied Fluency
Step 2: Measure Mass (kg)

National Curriculum Objectives:

Mathematics Year 2: (2M1) Compare and order lengths, mass, volume/capacity and record the results using >, < and =
Mathematics Year 2: (2M2) Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (° C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels

Differentiation:

Developing Questions to support measuring and comparing mass in kg including reading scales in increments of 10 with all increments marked on the scale.
Expected Questions to support measuring and comparing mass in kg including reading scales in increments of 2, 5 and 10, with most increments marked on the scale.
Greater Depth Questions to support measuring and comparing mass in kg including reading scales in increments of 2, 5 and 10 and not all increments are marked on the scale.

More Year 2 Mass, Capacity and Temperature resources.

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

© Classroom Secrets Limited 2019

Measure Mass (kg)

1a. What weight does the scale show?

D

2 VF

2a. Add an arrow to the scale so that it shows 30kg.

D

2 VF

3a. Tick if the statement is true or false.

The scale reads heavier than 50g.

☐ True

☐ False

D

2 VF

4a. Circle the scale that shows 10kg more than 110kg.

A

B

D

2 VF

Measure Mass (kg)

1b. What weight does the scale show?

D

2 VF

2b. Add an arrow to the scale so that it shows 10kg.

D

2 VF

3b. Tick if the statement is true or false.

The scale reads lighter than 90kg.

☐ True

☐ False

D

2 VF

4b. Circle the scale that shows 10kg less than 40kg.

A

B

D

2 VF

© Classroom Secrets Limited 2019

Measure Mass (kg)

5a. What weight does the scale show?

2 VF

6a. Add an arrow to the scale so that it shows 65kg.

2 VF

7a. Tick if the statement is true or false.

The scale reads lighter than 6kg.

☐ True

☐ False

2 VF

8a. Circle the scale that shows 5kg less than 65kg.

A

B

2 VF

5b. What weight does the scale show?

2 VF

6b. Add an arrow to the scale so that it shows 11kg.

2 VF

7b. Tick if the statement is true or false.

The scale reads 55 kg.

☐ True

☐ False

2 VF

8b. Circle the scale that shows 2kg more than 13kg.

A

B

2 VF

© Classroom Secrets Limited 2019

Measure Mass (kg)

9a. What weight does the scale show?

GD

2 VF

10a. Add an arrow to the scale so that it shows 90kg.

GD

2 VF

11a. Tick if the statement is true or false.

The scale reads 25kg.

☐ **True**

☐ **False**

GD

2 VF

12a. Circle the scale that shows 10kg less than 80kg.

A

B

GD

2 VF

Measure Mass (kg)

9b. What weight does the scale show?

GD

2 VF

10b. Add an arrow to the scale so that it shows 55kg.

GD

2 VF

11b. Tick if the statement is true or false.

The scale reads 19 kg.

☐ **True**

☐ **False**

GD

2 VF

12b. Circle the scale that shows 2kg more than 12kg.

A

B

GD

2 VF

© Classroom Secrets Limited 2019

Varied Fluency
Measure Mass (kg)

Developing

1a. 10kg

2a.

3a. True

4a. A

Expected

5a. 15kg

6a.

7a. False

8a. B

Greater Depth

9a. 65kg

10a.

11a. False

12a. A

Varied Fluency
Measure Mass (kg)

Developing

1b. 20kg

2b.

3b. True

4b. B

Expected

5b. 20kg

6b.

7b. True

8b. B

Greater Depth

9b. 80kg

10b.

11b. False

12b. B

© Classroom Secrets Limited 2019