

# How much does 1 kg weigh?

MATH

## Get curious

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Counting

**Students measure the size of the classroom.**

Without using a measuring tape or a ruler, the students should measure the length and width of the classroom.

Ask your students the following questions:  
What measurement results did you obtain?  
What did you use for measuring?  
Are all the results the same, or do they differ?  
Why?

## Get going

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Observing

**What do we measure? What do we weigh? What has a volume?**

The students will assess ways to measure physical quantities related to objects present in the classroom.

With the help of cards in various colors, the students mark three categories of objects: those that can be measured, those that can be weighed and those that have a volume.

Counting

**The students weigh fruits and vegetables using a hanger scale.**

The students perform the tasks in 4 teams.

Counting

**With the help of the hanger scale, the students compare the weights of 1 kg of individual raw materials.**

Ask your students the following questions:  
What is heavier: 1 kg of carrots or 1 kg of oranges?  
(and other raw materials)

Counting

**The students check whether carrots and other raw materials still weigh the same as before cutting.**

Do the products still weigh the same after cutting?  
Why?

Counting

**The students estimate the volume of containers.**

Counting

**The teams measure the amount of water required to reach a certain level.**

Each team pours the water into a different container.

Compare the results and ask your students:

What have you noticed?

How much liquid needs to be poured into each container so that the level is the same in all of them?



## Get practicing

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Counting

**Check what your students have memorized during the lesson and whether they can make use of the knowledge they have acquired.**

Think about how many different types of liquids you drink during the day. How can you measure this? Conduct measurements all day long.

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