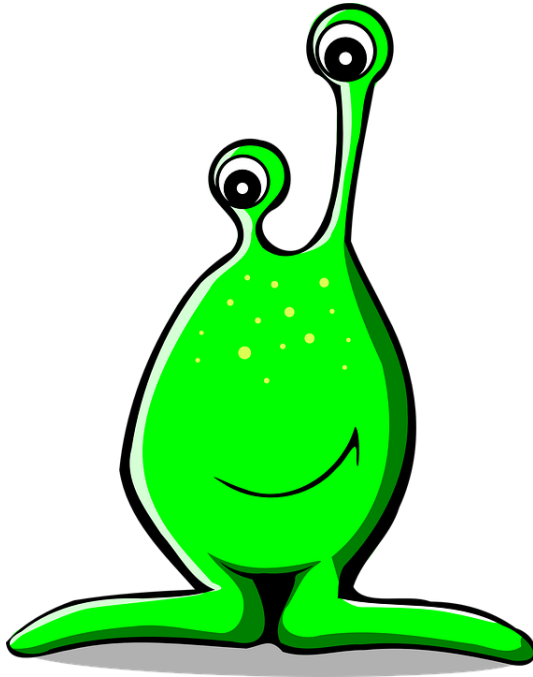


Scheda 7



Can you help me?

"Hello guys!!

How are you? I'm so happy! I understood so much!

I'd like to tell you...

But not now really...I'm so hungry:

May I have some rice? Do you now? At home I used to eat 3 ηριχ of well cooked rice a day!

Help Maggie! Teach her what she needs to know about our Metric System of Measurements if she is hungry!

Pay attention! Despite of her size you'll have a really hungry Maggie to feed.

Do you know?

How to measure mass.

If you want to measure mass, you need only to know about:

- grams (g)
- kilograms (kg)
- tonnes (t)

Grams are the smallest, tonnes are the biggest

A gram is very light:

But how “light” is a gram?

hold one small paperclip in your hand. This is more or a less 1 gram.



How many grains of rice are there in 1 gram of rice?

Try to guess.

.....

Now **check** your assumptions: **how can you work?**

(pay attention at the scale you are using: how accurate is it?)

Try to be as accurate as possible:

try your experiment 5 times and then give your result as **the average number**.

Trial	Number of rices grains
1	
2	
3	
4	
5	
Average number	

Was your estimate correct?

What difficulties did you have?

.....

Complete the chart: **How many grams of rice (and of rices grains) are there in:**

Object	Guess (number of g)	Measure (g)	Number of rices grains
Glass			
1 teaspoon			
1 dm ³			

And now, think:

how many rices grains are there in 1kg of rice? And in 1 tonne?



And now complete the chart: add each object to the column with the appropriate unit of measurement:

- a teaspoon of sugar
- a paperclip
- two loaves of bread
- a pen cap
- a thumbtack
- 7 apples
- the weight of a small car
- a pinch of salt

grams	kilograms	tonnes

And: **1 dm³ of water (orliter of water) =g**

Try to guess.

.....

Now **check** your assumptions using a scale:

And: **1 cm³ of water (orml of water) =g**