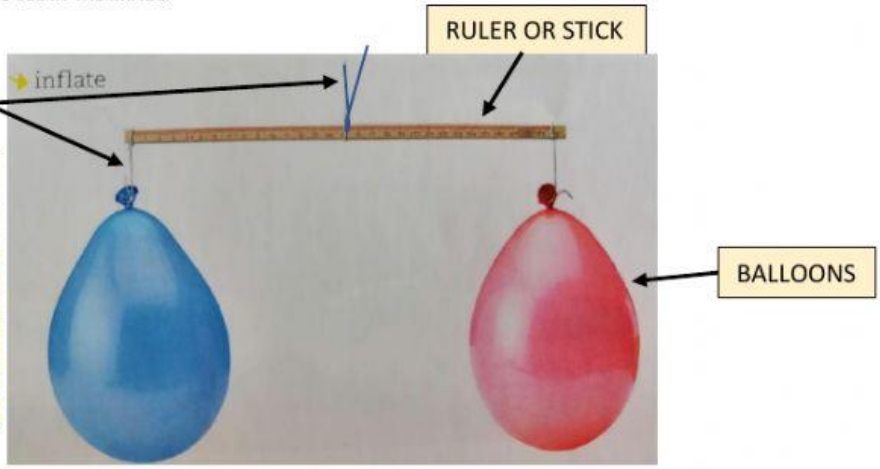
BALLOONS EXPERIMENT

NAME: **4th SECTION:**

INSTRUCTION:

1. BLOW UP THE BALLOONS, MAKING SURE THAT THEY ARE BOTH THE SAME SIZE, AND TIE EACH TO A PIECE OF STRING.
2. TIE THE THIRD PIECE OF STRING TO THE MIDDLE OF THE RULER OR STICK.
3. TAKE THE RULER AND TIE THE BALLOON TO EACH END.
4. BALANCE THEM AS YOU SEE IN THE IMAGE.





INSTRUCTION: Read the questions and choose the best answer for each.

1. **Do the balloons have equal MASS?**
   Yes, they do. **No, they don´t.**

2. **Pop the red balloon and observe. What happened when the balloon was popped?**
   a) The scale tilts and the inflated balloon moves lower. **c) Nothing happens.**
   b) The scale tilts and the inflated balloon moves up.

3. **Which balloon has the greater mass now?**
   a) The red balloon **b) The blue balloon.**

4. **After the experiment we could say that:**
   a) Air has mass because the blue inflated balloon tips the scale.
   b) Air doesn´t have mass because nothing happens.

INSTRUCTION: Read the information and do the matching exercise.

Mass is the amount of matter that a body has. Mass does not change. It is always the same no matter where the body is located or what conditions it is in. Mass is measured with an instrument called **scale**. Its unit of measurement is the **kilogram (kg).** Small bodies such as rice can also be measured in **grams (g),** and large bodies like ships can be measured in **tons (t)**

5. It is always the same no matter where the body is located. ( ) SCALE
6. Mass ( ) MASS
7. Instrument used to measure mass. ( ) Units of measurement of mass.
8. Kilogram, grams, tons ( ) It is the amount of matter that a body has.

LIVEWORKSHEETS