**Activity 1.2.1 Weight of plastic materials**

Materials:

scales, objects of plastic, metal, wood, glass....

Procedure:

Compare density of plastic materials with that of other materials. Before carrying out the experiment, state your hypotheses.

Hypotheses:

...................................................................................................................................................

...................................................................................................................................................

Weight plastic, metallic, wooden, and glass objects of comparable sizes. Write the results into the table and make comparisons.

Findings:

|  |  |
| --- | --- |
| **mp=m(plastic object)** | g |
| **mk=m(metallic object)** | g |
| **md=m(wooden object)** | g |
| **ms=m(glass object)** | g |

Weight comparisons: mp mk md ms

The smallest weight was that of the object made of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How would you characterize density of plastic in comparison with that of other materials?

.....................................................................................................................................................

Can it be used in practice? Give examples.

.....................................................................................................................................................

.....................................................................................................................................................