**Maths Investigation Friday 5th June 2020**

Pick eight items in your house, packets/tins of food, books, toys etc.

First feel them. Estimate. Can you put them in order starting with the lightest?

Now estimate how much each item weighs in grams.

Finally check how much each item weighs using scales, or the weight on the packet.

You can use this to record the order of the objects.

**Lightest** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Heaviest**

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| --- | --- | --- |
| **Item** | **Estimated weight** | **Actual Weight** |
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Write some sentences to describe what you found out.

Were the largest items always the heaviest?

Did the weight on the packet match the weight on your scales? If not, why do you think that was?

Would a kilogram of concrete weigh the same as a kilogram of feathers?  Explain.