

SIZE MATTERS

Challenge



Before you start

Turn on the power, wait till the screen prompts you to press the 'X' button

The universe is made up of huge things and tiny things. How do they all scale up?
Take the 'Size Matters' challenge to find out.

SIZE MATTERS

1. Play the 'Size Matters' game by putting as many objects as possible in size order in one minute. Record your scores in the below table

Name	Score

Units

Large and small distances can be difficult to express in metres.

2. Planet Earth is 12740000m in diameter. Write this in kilometres (km)
[HINT: 1km is 1000m]

12740km

3. An average pencil tip is 0.002m. Write this in millimetres (mm)
[HINT: 1m is 1000mm]

2mm

4. Place the most appropriate unit next to the object.

Pick the answers from the box below

Length of the River Thames **kilometres**

Length of a football pitch **metres**

Length of a pencil **centimetres**

Length of an ant **millimetres**

kilometres	centimetres
millimetres	metres

