

Maths In Motion
SPACE

Workbook

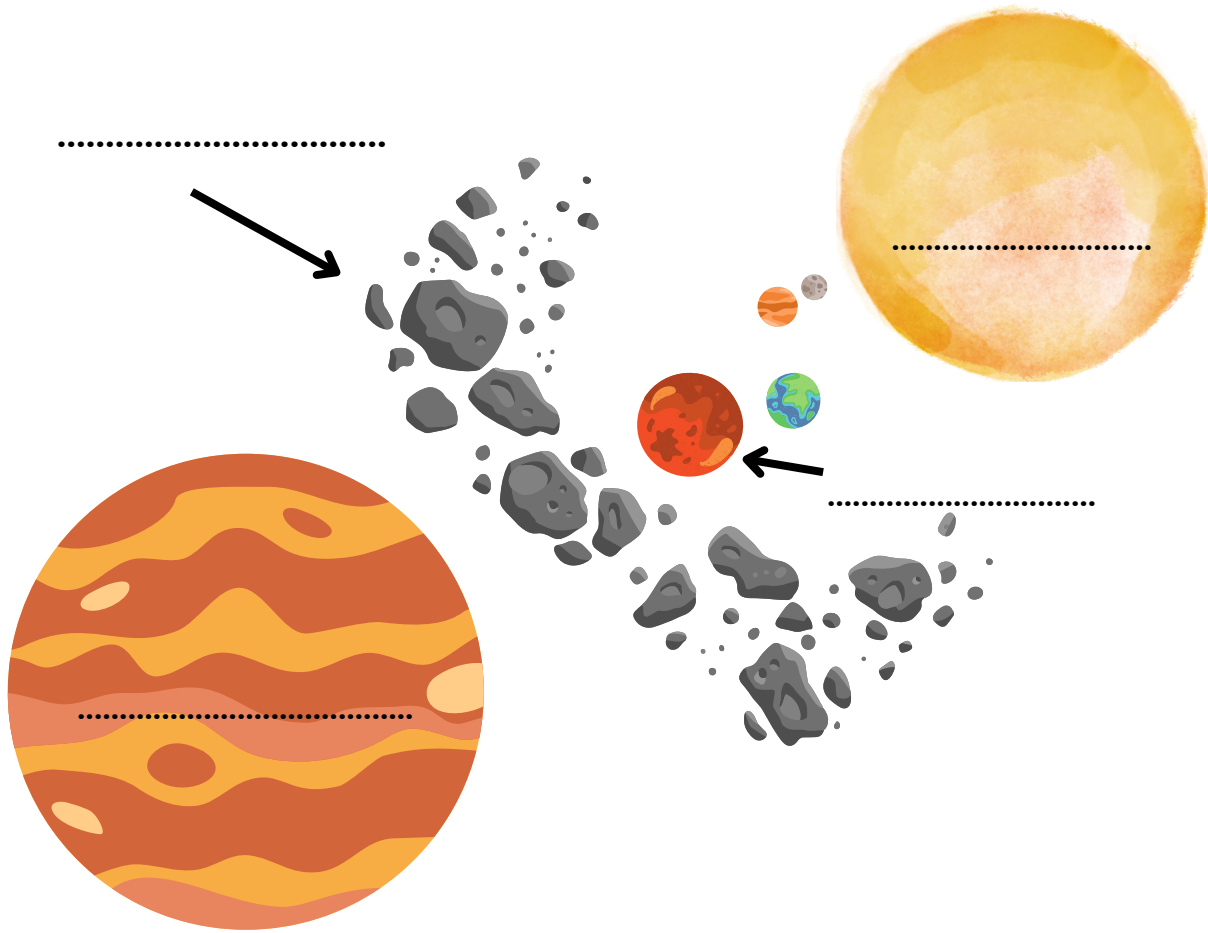
Lesson 3: Asteroids,
comets and meteorites

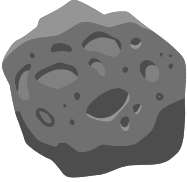

To join in please bring:

A dish or tray (not glass!), some small balls like marbles, some small stones/rocks, flour, cocoa powder (optional), ruler or tape measure

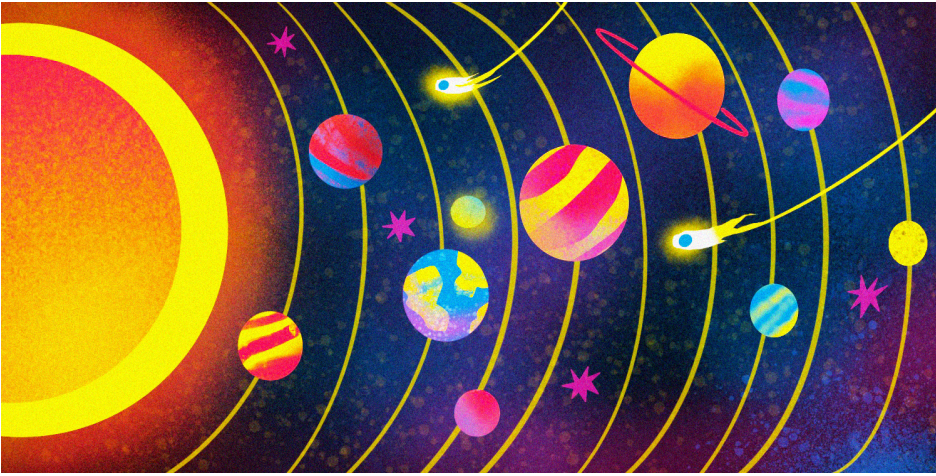


Asteroid



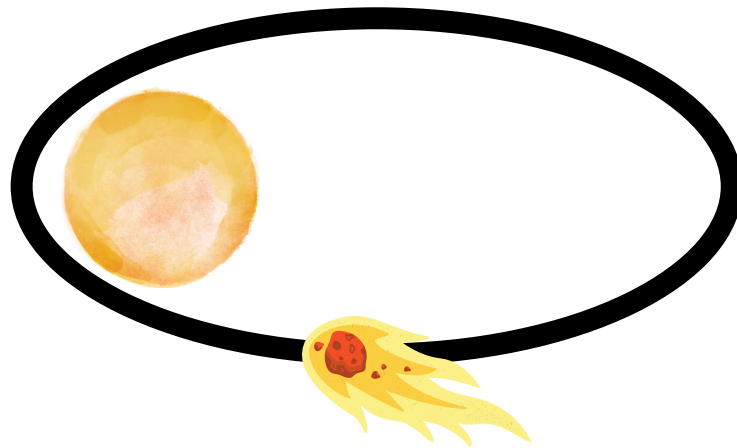
	Asteroid vs Planet	

Comets



Comets tend to come from.....

They tend to be made of



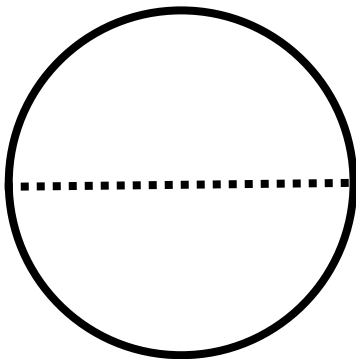
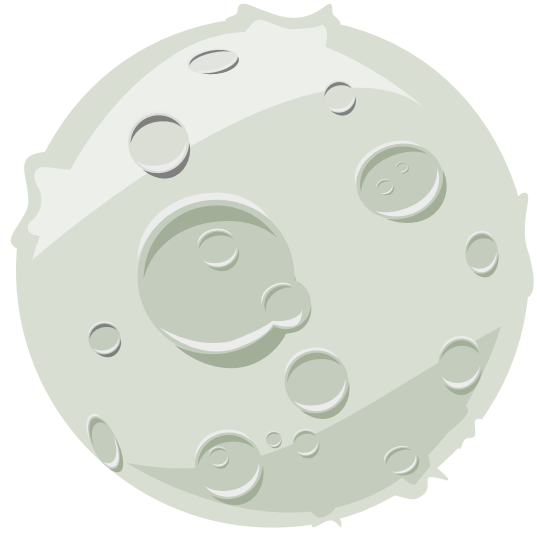
They orbit in an

We observe a tail because

Craters on the moon

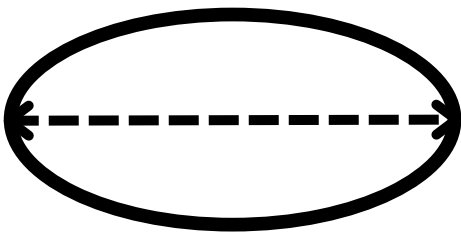
The craters are mostly caused by

.....
.....



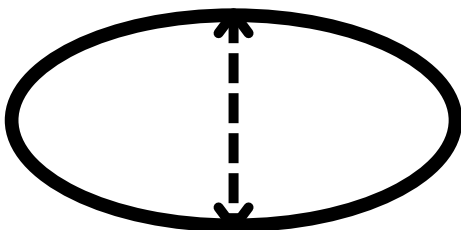
The distance across a circle, through the centre is called

.....



For an oval, this is called the

.....



And this is called the

.....

Measuring craters

Note down the shape of your crater and then the size of the diameter or the major and minor axis

Circle or Oval?	Length of the diameter or the major and minor axes

At home challenge:



Make your own

Make your own **edible asteroid** here:

<https://spaceplace.nasa.gov/asteroid-potatoes/en/>

Make your own **comet on a stick** here:

<https://spaceplace.nasa.gov/comet-stick/en/>

Can you find something to put in each section of this venn diagram?

