

**Maths In Motion**

**SPACE**

# Workbook

## Lesson 4: Galaxies

**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**



# Astronomical unit

Earth



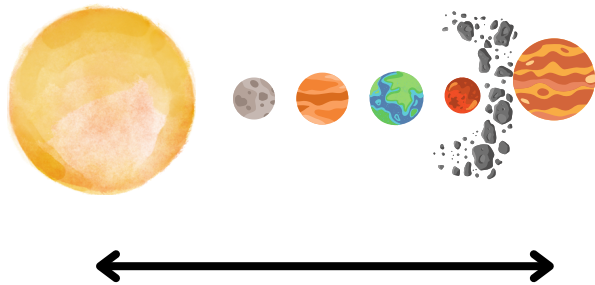
Sun



1 astronomical unit

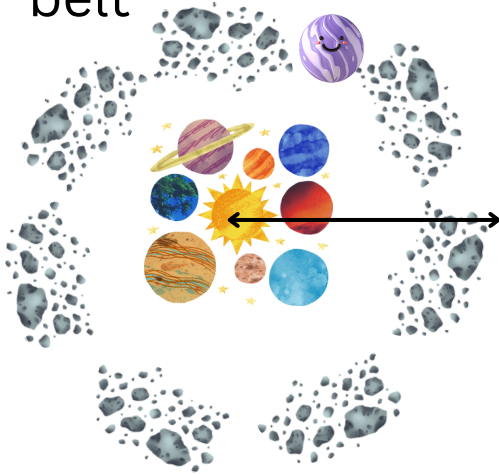
**Definition of 1 AU**

# Inner solar system

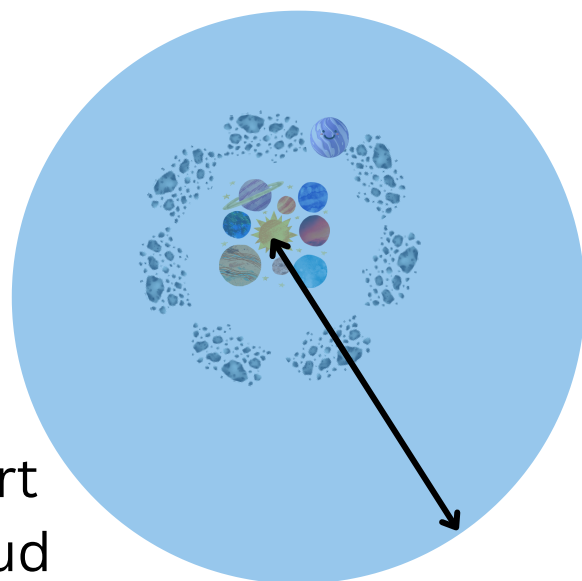


# Solar system

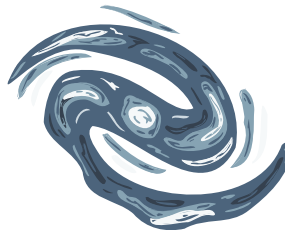
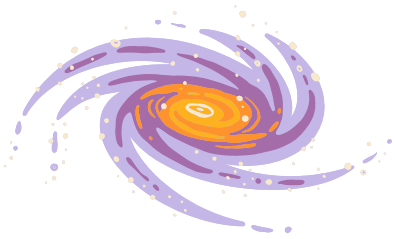
Kuiper  
belt



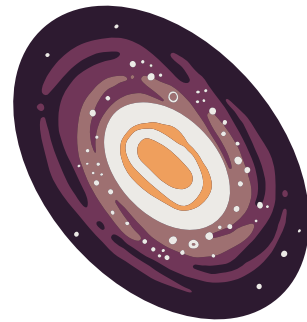
Oort  
cloud



# Types of galaxy



# Types of galaxy



# The Milky Way



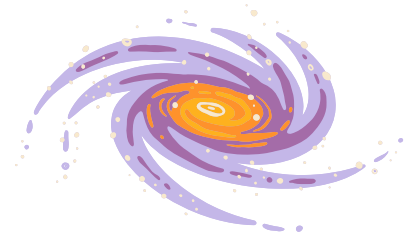
Our galaxy is called

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## Facts about the Milky Way

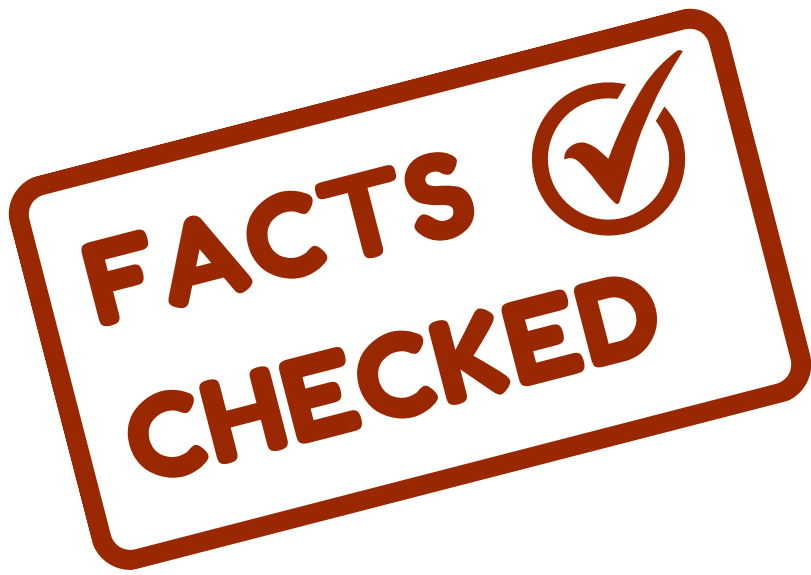
# At home challenge:



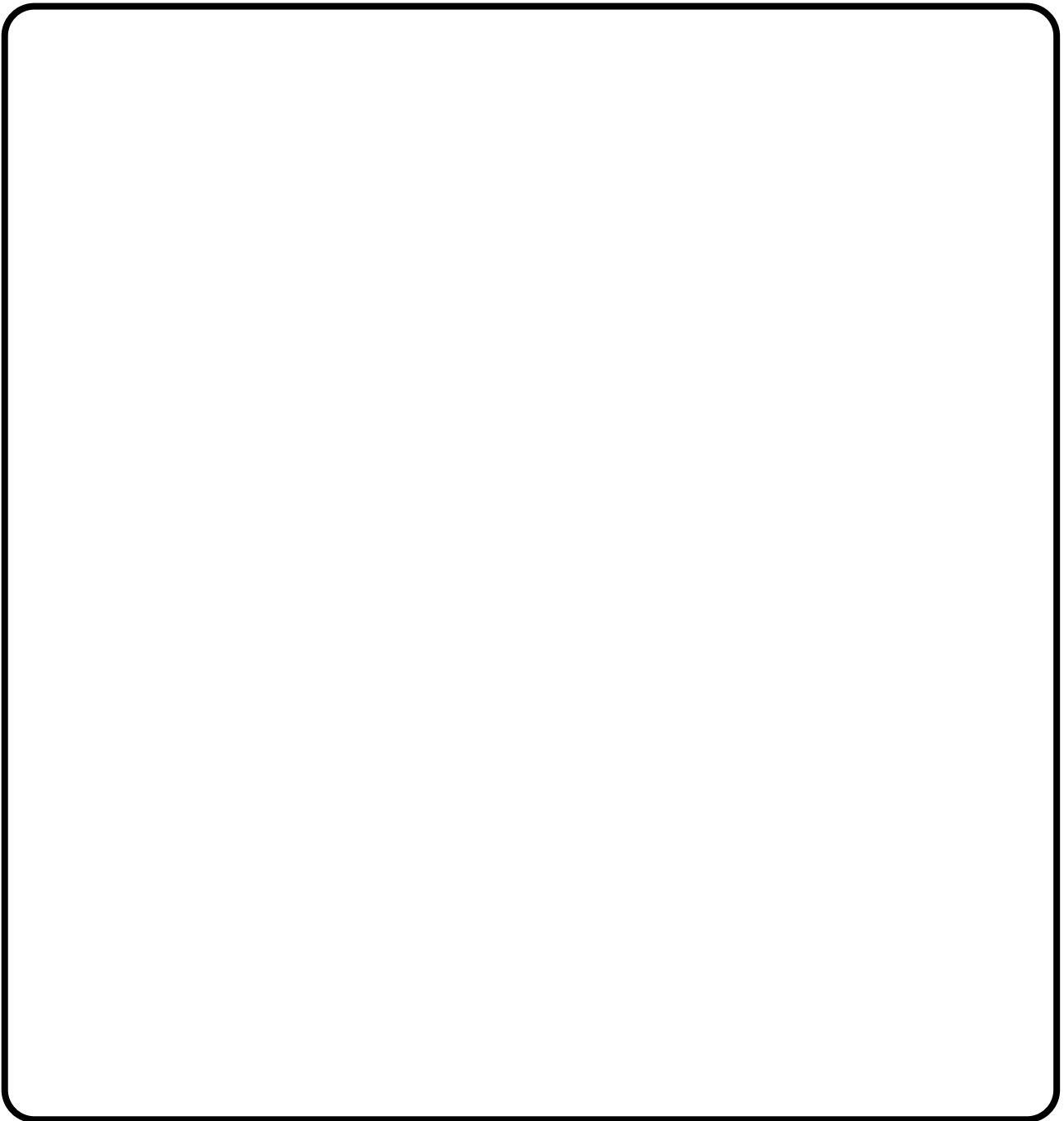
Create your own galaxy **fact file**.

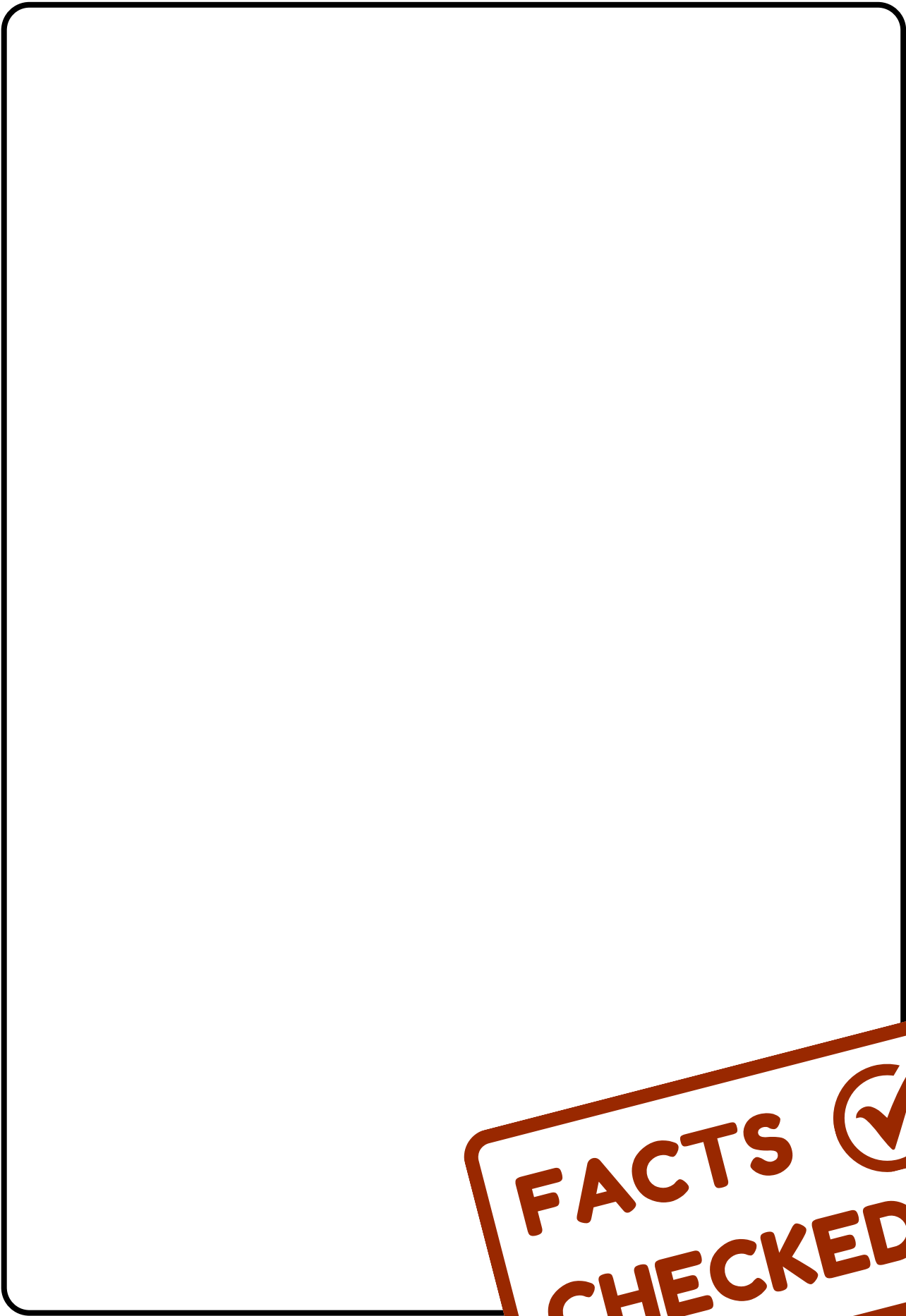
Collect facts, stats and pictures and put them together on the print out, on canva or make a fun video about them.

You might want to look at 1 specific galaxy or you might want to look at them all maybe.



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**FACTS** ✓  
**CHECKED**