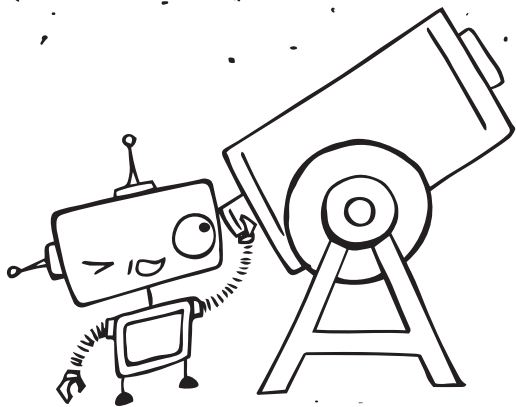


Universe in the Classroom



Robotic Telescope
Activity Book

• The **UNIVERSE** is everything that exists, all planets, stars, galaxies and every other object on Earth and in space.

• A **GALAXY** is a gigantic collection of stars, along with cosmic gas, dust and other stuff. The galaxy we live in is called the Milky Way.

• A **STAR CLUSTER** is a huge group of stars bound together in space. A star cluster can contain a few hundred stars or many millions.

• A **NEBULA** is a cloud of gas and dust in space. Some are the remains of dead stars and others are where stars are born.

• A **TELESCOPE** is an instrument used to see objects that are very far away. Telescopes are often used to look at distant planets, stars and galaxies.

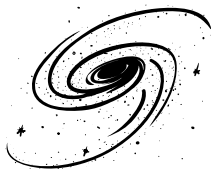
• A **ROBOT** is a machine controlled by a computer. Robots can be taught to do many different things, like clean a carpet, control a telescope or even build a car!

HOW BIG?

How big are these famous cosmic objects?



The Universe
is bigger than...

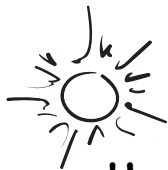


a Galaxy

...is bigger than...



a Star Cluster
...is bigger than...



the Sun

...is bigger than...



Jupiter
...is bigger than...



the Moon

This booklet is brought to you by
Universe in the Classroom



Want to know more?

- Our website is:

<http://blogs.cardiff.ac.uk/physicsoutreach/universe-in-the-classroom>

- This booklet was inspired by UNAWE's Cosmos in your pocket

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- Illustrated by Charlotte Provot
- Funded by



Llywodraeth Cymru
Welsh Government

