

## **GCSE Astronomy**

### **Year 11 Resources**

Astro past papers and mark schemes: [Edexcel-gcses/astronomy-2017.coursematerials](https://www.edexcel-gcses.com/astronomy-2017/coursematerials)

Revision website with animations and covering the main principles:

<https://space.fm/astronomy/tools/specification.html>

Animations and simulation you can interact with to show:

<https://astro.unl.edu/animationsLinks.html>

### [Astronomy Simulations and Animations](#)

Links to animations and simulations for astronomy education are provided below. Topics include seasons, moon phases, coordinate systems, light, and more.

[astro.unl.edu](https://astro.unl.edu)

The Astronomy GCSE is an option students can choose in year 9 to develop curiosity and enthusiasm for space; encourage an informed interest in current astronomical investigations and discoveries and space exploration.

### **Course content:**

1. Naked eye astronomy includes planetary motion and Solar System and Celestial observations.
2. Telescoping Astronomy, including aided observation, will be carried out using the school telescope or the full size, John Moores University's 'Liverpool Telescope', which is situated on the island of La Palma in the Canary Islands, which we will use to study stellar evolution, our place in the Galaxy and Cosmology.

### **How will this course be assessed?**

The course is assessed with 2 written examinations. Paper 1 includes Naked eye Astronomy and is 50% of the course and paper 2 includes Telescopic astronomy and is also 50% of the course.