Prices

Workshops for Schools

A full day for a class or students with two workshops **£250**

A half day for a class of students with one workshop **£130**

Workshops for Youth groups

A one hour long workshop **£50**

Presentations and lectures for Adult organizations

A one two one and a half hour presentation **£50**

Where to contact?

Keighley Astronomical Society, 35 Devonshire Street, Keighley, West Yorkshire. BD21 2BH

E-mail: currdomin@sky.com

Tel: 07867 637565 or 07976 632989

www.keighleyastronomicalsociety.co.uk

www.facebook.com/pages/Keighley-Astronomical-Society/142005942156447 1

Bringing the universe to you

Monthly Society Meetings

Where?

We meet at the Keighley Civic Centre
(former Police station)
81, North Street, Keighley BD21 3RZ
Tel:- 01535-690800

What Time?

6.30 pm start

Prices?

Adults £3 Young persons (17 and under) £1

When?

Wednesday	26th March	2014
Wednesday	23rd April	2014
Wednesday	21st May	2014
Wednesday	25th June	2014
Wednesday	24th September	2014
Wednesday	22nd October	2014
Wednesday	26th November	2014
Wednesday	10th December	2014
Wednesday	28th January	2015
Wednesday	25th February	2015
Wednesday	25th March	2015
Wednesday	22nd April	2015
Wednesday	20th May	2015
Wednesday	24th June	2015

Discovering the universe over Yorkshire

KEIGHLEY ASTRONOMICAL SOCIETY

Discovering the Universe over Yorkshire

BRINGING THE UNIVERSE TO YOU

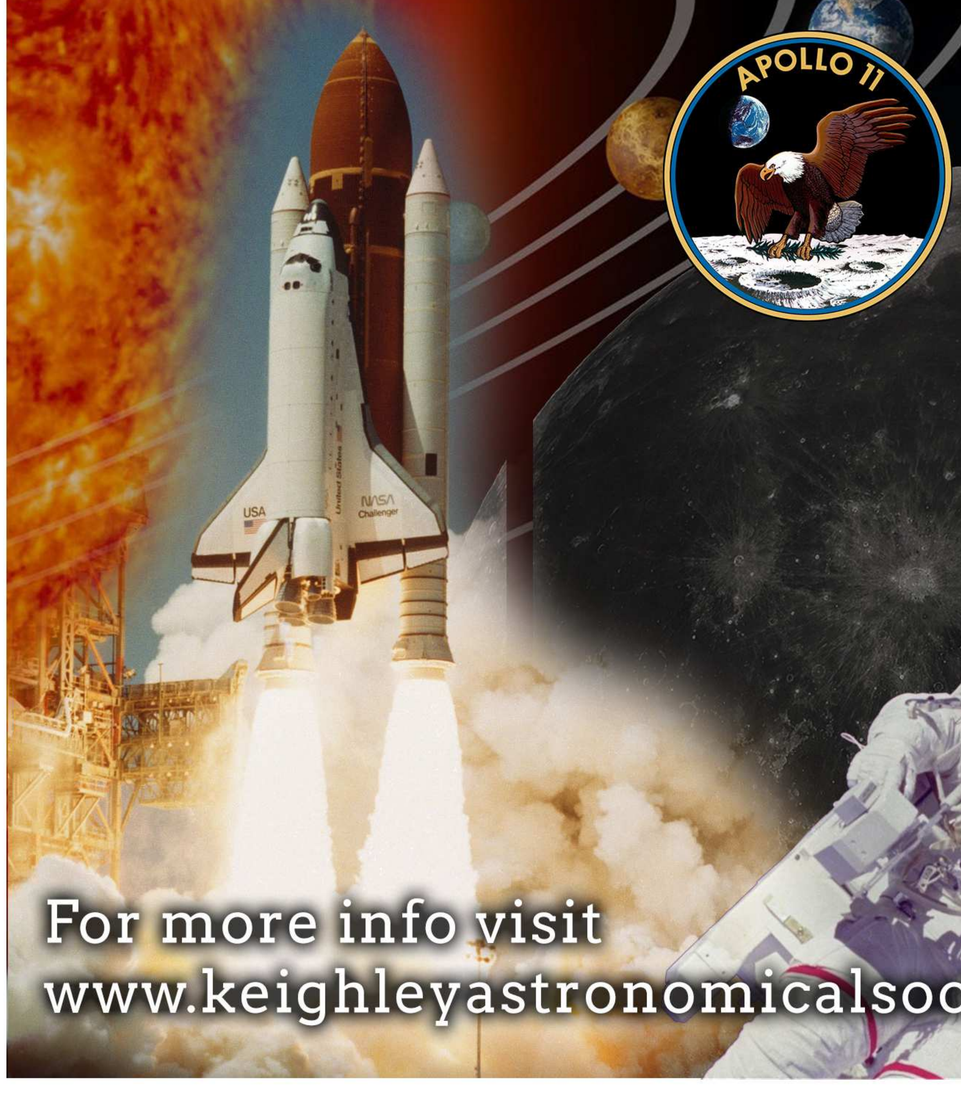
Space related endeavours to inspire, enable and propel humanity through science, technology, engineering and mathematics.

Interested in Astronomy and Space education?

At Keighley Astronomical Society we know that young people are inspired to learn through a variety of activities. Space related education programmes are powerful motivators. We deliver a range of workshops that bring the fun, excitement and inspiration of astronomy and the exploration of space to schools, youth groups and local communities.

Who Are We?

Established over two years ago. The society membership meets once a month to hear guest speakers from across the north of England present lectures on Astronomy and space related science. We hold family orientated observation meetings, to view the wonders of the night sky and we run short educational courses of our own. We work with youth organisations, such as the cub scouts and brownies, as well as primary schools, and adult interest groups. We aim to help others reach their full potential, through a fun, and a creative delivery of science technology, engineering and mathematics in a space teamed approach.



What do We Do?

We can bring the wonders of our universe to your classroom or club, with short tailored programmes and workshops, which support national curriculum learning at all ages. Examples are:-

Galileo and 400 years of the telescope

It was 400 years ago the astronomer Galileo Galilei used the newly invented telescope to look at the night sky. This workshop covers the early history of astronomy. Students look at Galileo's original notes that confirm that we are not the centre of the solar system. His life and works are discussed. Students make their own Galileo telescope and compare it with modern equipment. Students will see a working replica of an 18th Century orrery. A mechanical computer to model Galileo's Discovery.

The Rocket Workshop

Rockets task students with problem solving, critical thinking, and builds communication skills. They will design, build and launch air powered rockets. Few classroom activities generate as much excitement as space rockets. This workshop also contains background information about the history of human space exploration. What a fun way to learn science, technology, engineering and maths.

How big is big?

This workshop moves outward from your school, changing scales to cover the Earth, the solar system, our galaxy and beyond. How far is the moon, and how many planets do we really have. How to make sense of it all, and really understand where we fit in. Students will discover the answers in this full and engaging session. Students will make their own planispheres to map the night sky as well as recognition of the constellations and designing their own star astrium.

Mission to Mars ?

Mars has always fascinated us with grand tales of alien invasion and human exploration. This workshop covers an introduction to rocketry and the problems of landing on the red planet. Students with a limited budget and limited resources will design and build a planetary lander to place their eggonaught on the planets surface, safely. In addition to problem solving skills, this covers team working, managing budgets, communication skills, design and engineering.

All workshops are presented with stunning audiovisual material and the opportunity for a question and answer session on all aspects of astronomy.

For more info visit
www.keighleyastronomicalsociety.co.uk