

What else is available?

What age group are sessions aimed at?

Keele University Space Observatory

Why not follow-up a session in the Exoplanetarium with a visit to the Keele Observatory?

We have a range of outreach sessions available with specific content for all key stages. Keele was

recently featured on BBC's Stargazing Live. To book a session or for further information contact keelelink@mac.keele.ac.uk

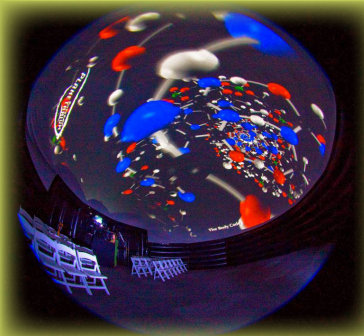


Keele Bubble

We can also offer sessions in the Keele Bubble. The Keele Bubble is similar to the exoplanetarium but features a range of sessions related to various aspects of the National Curriculum

including humanities and science. To book a session or for further information

contact keelelink@mac.keele.ac.uk



Sessions are available from Key Stage 2 to Key Stage 5.

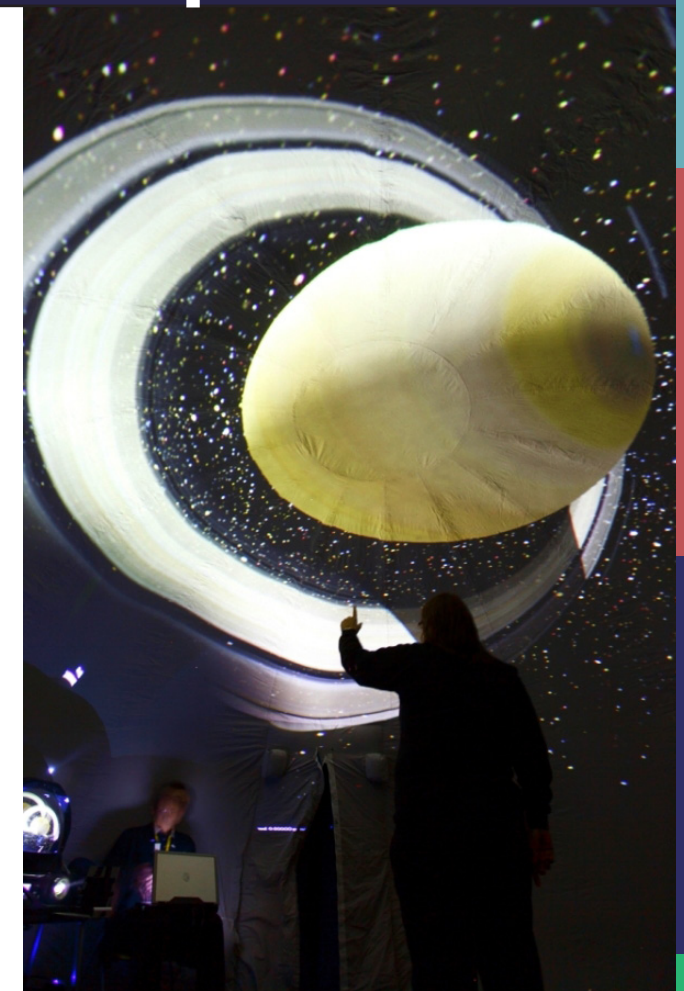
Topics that can be addressed include:

KS2 and KS3:

- Day and night
- The year and seasons
- The sun and moon
- The solar system
- The constellations

KS4 and KS5:

- Planets, stars and galaxies
- Stellar life cycles and nuclear fusion
- Origins of the universe
- Supernovae and black holes
- The search for other planets and life elsewhere in the universe.



Discover Other Planets

keele link

In association with Keele Astrophysics Group

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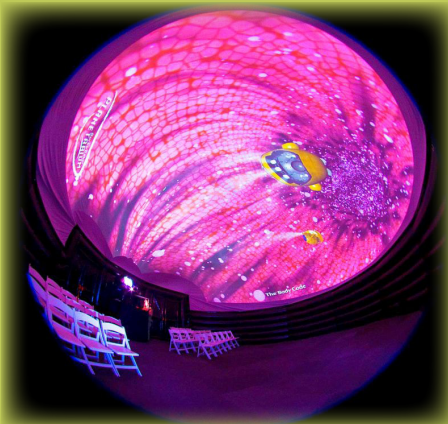
What is the Exoplanetarium?

The Keele Exoplanetarium is a portable planetarium that can be brought into your school/college. In its pitch-black interior, we project the night sky and images of the cosmos, taking your pupils on a virtual tour of the solar system and planetary systems around other stars.

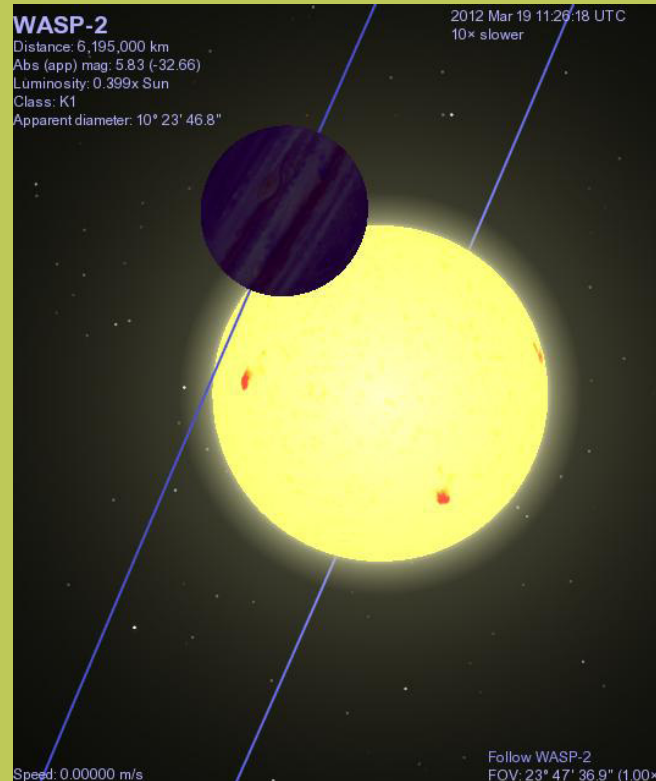
The planetarium is accompanied by either trained and knowledgeable astrophysicists from the Keele University Astrophysics group or Student Ambassador STEM Specialists.

Presentations can be tailored to your requirements.

Most of the material we use has been developed in consultation with secondary school science teachers in a project funded by the Institute of Physics.



How can I book a session?



**To book a session visit
www.keele.ac.uk/keelelink
and complete our online booking
form**

01782 733166
stardome@keelelink.co.uk

Technical details

The Keele exoplanetarium can be brought into schools for a half or whole day, and for after-school events.

The planetarium will be accompanied by trained and knowledgeable astrophysicists from the Keele University Astrophysics group or Student Ambassador STEM Specialists. Due to the nature of the exoplanetarium, some modest charges do apply.

Requirements

Floor Space: 7 metre by 7 metre

Room Height: 3.5 metre

Access to a 13A power supply is needed.

The planetarium can accommodate up to 30 learners at one time.

The minimum length of a show is 30 minutes, to allow for dark adaptation.

Set-up/pack away in 30 minutes.



An exterior view of the dome