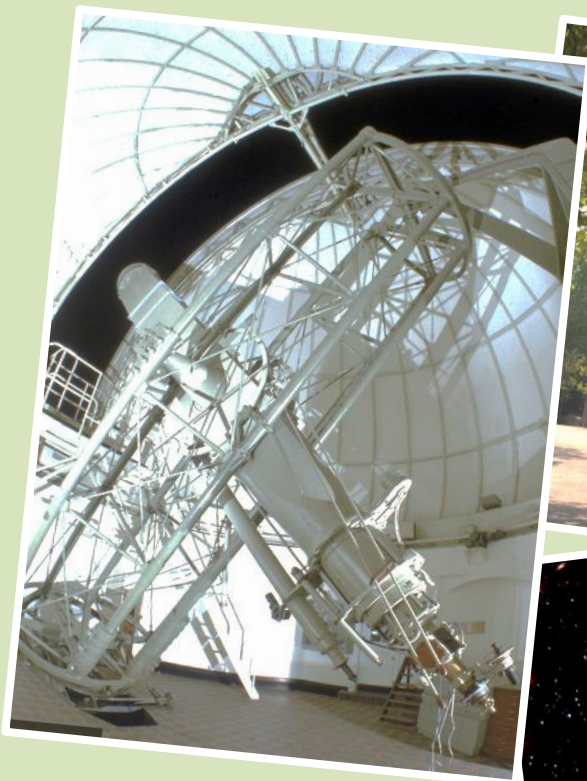


Royal Observatory Greenwich

WE ARE HERE TO HELP YOU

www.rmg.co.uk/plan-your-visit/schools/royal-observatory/



Before your visit

- We have created **The Royal Observatory Primary Schools Programme Guide** to help you plan your visit.
- You can book a preliminary visit to familiarise yourself with our site.
- We have risk assessment guideline that can help inform your full assessment.
- We also have a **Primary School Site Map** to help you get around during your visit.

You can find these resources by visiting:

www.rmg.co.uk/plan-your-visit/schools/royal-observatory

Then select 'Visit guides & activities' under the 'Plan your visit' section.



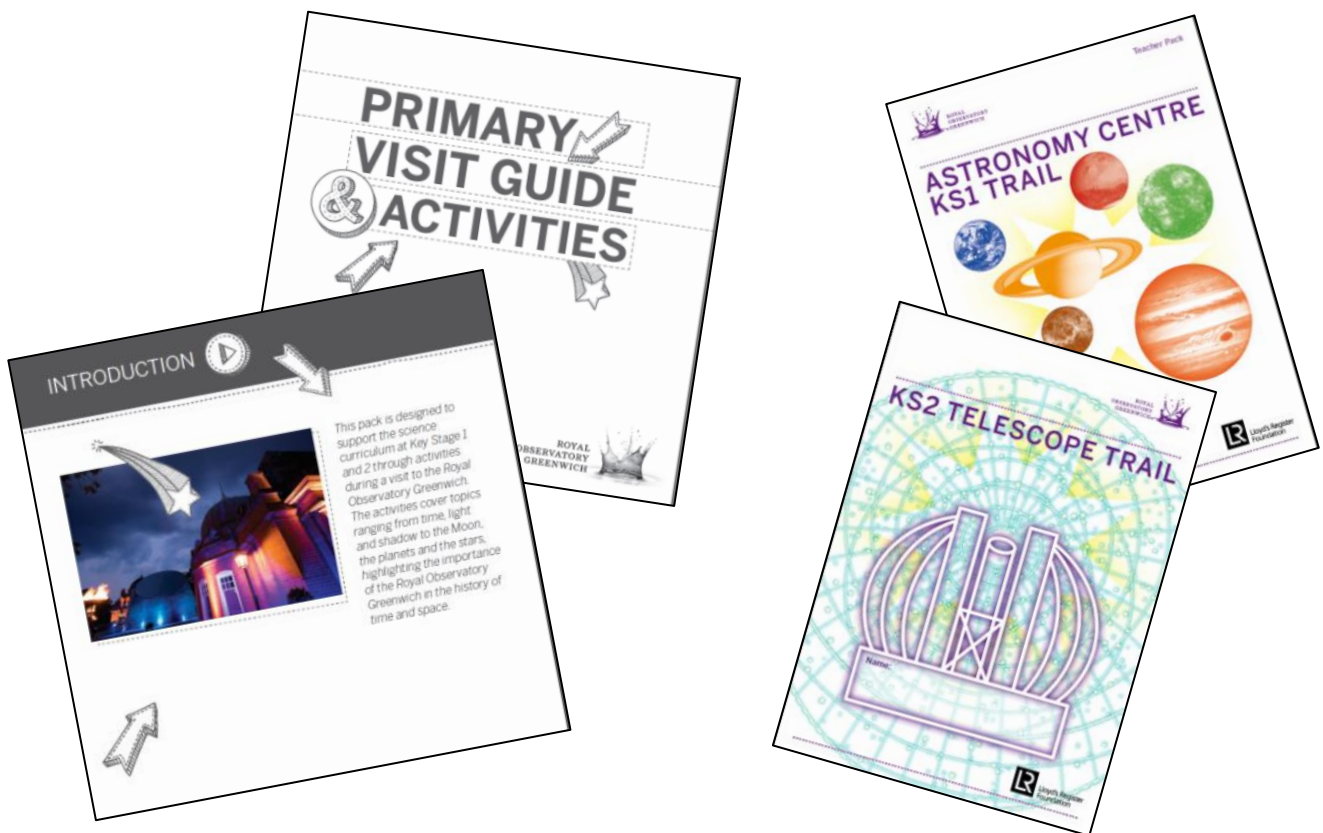
During your visit

- We have created a **Primary School Site Visit Guide** to introduce a self-guided element to your visit and to highlight the key parts of the Observatory to have a look at.
- We have also created a **KS1 Astronomy Centre Trail** and a **KS2 Telescopes Trail** which can guide your students around the Astronomy Centre and around the Royal Observatory site. Both are FREE so you can download and print beforehand to extend your visit on the day.

You can find these resources by visiting:

www.rmg.co.uk/plan-your-visit/schools/royal-observatory/

Then select 'Visit guides & activities' under the 'Plan your visit' section.



- Depending on the type of day you choose (as outlined in the programme guide) your visit can consist of: a planetarium show, workshop, science theatre show, drama session, gallery visit and use of the lunch room.

School visits to the Royal Observatory Greenwich.



After your visit

We also have **FREE classroom resources** for you to download once you're back in the classroom. These include experiments and worksheets for KS1 and KS2 pupils.

Compasses and Magnetism on Earth Key Stage 2

Topics covered: Magnetic force, magnetic poles, magnetic materials, attraction and repulsion

Before you get started make sure you have watched our video 'Seeing The Invisible', <https://vimeo.com/163255189>



Magnetism is an invisible force. We can't see it but we can detect its effects. Magnetic materials experience a force from other magnetic materials even if they aren't touching. But, not all materials are magnetic – can you think of some that are?

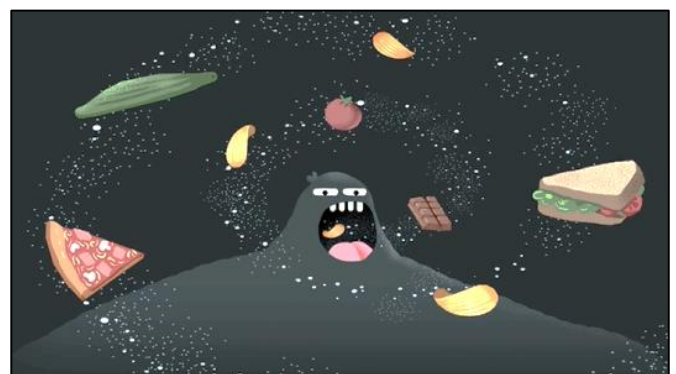
We have plenty of **FREE resources** for teachers and pupils linked to astronomy, science and maths.

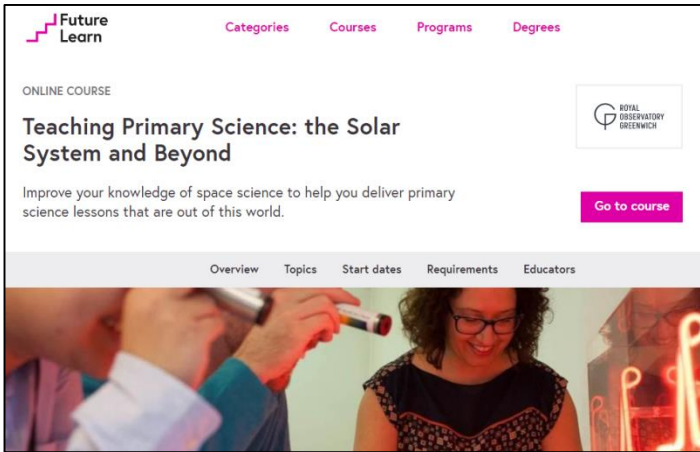
For more information, search for 'Royal Observatory school visits' and follow the links on the page.



Perhaps you'd like for an ROG Astronomer to come to your school and deliver one of our **Outreach sessions** – we have different sessions themed around moons (KS1 and KS2) and about the solar system and exoplanets (KS2).

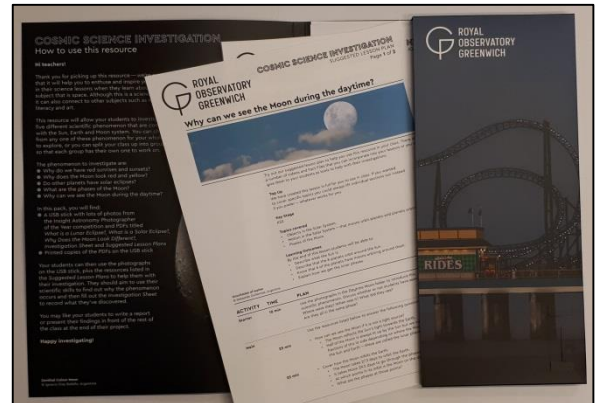
We have **award-winning videos** that answer those big astronomy questions like 'Are there aliens?' and 'What's inside a black hole?' You can find these at: vimeo.com/royalobservatory





Delivered by our Royal Observatory astronomers, we hold **FREE onsite ITT and CPD sessions** each tailored to develop your skills and provide you with great ideas to teach astronomy confidently. There's also our **FREE online CPD course on FutureLearn**.

Get your students involved in our **Cosmic Science Investigation**. This **FREE** teacher pack (requestable from our website) includes lesson plans, fact files, investigation sheets and a USB stick with beautiful astro-photographs.



Visit our website - rmg.co.uk Like us on Facebook Follow us @ROGAstronomers

Through the Telescope
Our Astronomer Royal William Christie (played by an actor), will show you the Great Equatorial Telescope and explain how it works along with what we can see in the night sky. More information about the Through the Telescope sessions which run on Mondays, is available [here](#).

Book Now

New videos
We've got three new animated [videos](#) for you and your students to check out: Newton's Laws Of Motion (KS4), Seeing The Invisible (KS2) and Shadows On Other Worlds (KS1/KS2). They're great to use during the plenary of a lesson and we have many more videos uploaded on [Vimeo](#).

Take a look

If you'd like to keep up to date with our offers and events for schools then sign up to our **monthly e-newsletter**.

We even have a **Teachers Forum** where we invite teachers to provide ideas and feedback on our schools programme and digital resources. We run **FREE** planetarium shows and 'Meet the Astronomer' events for pupils of our forum members.



