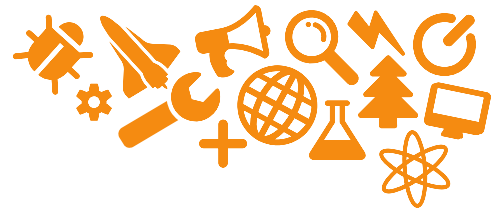


Geologist

NUSTEM Workshop Teacher's Guide



Overview

Geologists are scientists that work with rocks and the natural processes associated with rocks. During this session children will examine and investigate rocks from space that are over 4.57 billion years old, as well as finding out what happens when these rocks hit the Earth.



Curious Organised Hard working

Supporting the Workshop

NUSTEM workshops are at their best when actively supported by the classroom teacher. Your knowledge of the children allows us to get the best from the activities and resources we've created. You can support us by:

- Actively engaging with the workshop
- Taking a lead role in behaviour management
- Providing support to any children who might find the workshop challenging
- Praising children when they show the three workshop attributes

The NUSTEM Approach

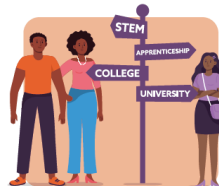
NUSTEM is an outreach and research group based at Northumbria University. We believe that STEM should be accessible to everyone, for study and for pleasure, from early years, through school, to employment, and beyond. We support children, with the help of their families and teachers, to feel more confident that a career in STEM is for 'people like them'.



Start working with families and children from a young age.



Use attributes of people working in STEM to help children to see what they have in common with them.



Show parents and carers the different routes into STEM careers.



Support teachers to include careers in their subject lessons. Showcase local opportunities.

Session Logistics

This activity involves handling real meteorites. These are ancient, valuable and very small, so the children need to handle them with care! The session works best if children are in five mixed ability groups, seated around a group table. During the session they will need to share the meteorites within their group. The children will be using magnifying glasses to observe the meteorites and will be recording by sketching. They will be testing the magnetic properties of the meteorites with magnets and measuring using millimetres.

Extending the Learning

For this workshop you could:

- Test the magnetic properties of other rocks you may have or find.
- Visit our geologist resources page on our website: <https://nustem.uk/activity/geologist/>