

Doctor Who Worlds of Wonder Activity Trail



Fact Finder

Search the exhibition to find the answers to these challenges.

- 1) According to astronaut and physicist Sally Ride, what is science?
(Hint: near the TARDIS console)
- 2) What is the name of the spacecraft that recorded atmospheric sounds of Saturn?
- 3) The ability of the TARDIS to time travel was partly inspired by which book by sci-fi pioneer H.G. Wells? *(Hint: Exploring the Cosmos panels)*
- 4) What piece of technology is used to multiply audio signals together to create alien voices, like the Dalek? *(Hint: Dalek Voice Creator)*
- 5) The robo-explorer Gadget is partially modelled on which NASA rover?
- 6) What can we observe that suggests life activity on Europa?
- 7) Give an example of organisms found in the exhibition content that use these methods of communication. One example per method. *(Hint: Are we communicating?)*

Want to go further?

In class, try researching these connections, such as the rovers and spacecraft we are using to explore the solar system, or how our planet works to support life!

What similarities can you see across the genre of science fiction? What are some other famous books and movies with their own unique twist?

Talk to your teacher about further activities in the Teacher's Guide

Sonic Designer

Which of the sonic screwdrivers would be your pick? Why?

Draw your design for a sonic device below!

Find the Science!

Match the Doctor Who concept to its real world science counterpart!

Sonic Screwdrivers	Longer life through technology
Drahvins	Cybernetic Medicine
Cybermen	Ultrasound
Chameleon Circuit	Cloning
Lady Cassandra	Robotics
Kamelion	Cellular Regrowth
Regeneration	Polymer Skin and lenticular lenses



The Monster Vault

From Daleks to Cybermen, Doctor Who has built a world of wonderful monsters by re-imagining science into fantasy and fiction!

Which real animal inspired some of the features of which monster?

Rhinos → _____

Lions → _____

Squid → _____

Turtle → _____

Design your very own monster - a worthy match for the Doctor!

Every monster needs a name:

Think: What feeling do you want to create with your name? What does this name make you think of?

Brainstorm some key words...

what are the feelings, features, descriptions you have in mind?

Hint: Consider a real animal to be your starting point...many sci-fi monsters have roots in everyday organisms!

Draw/Sketch your monster!