

Department Enrichment

Activities to Support Learning

Watch it



Follow the links to documentaries/ programmes/online tutorials that will support learning.

- BBC iPlayer Science and Nature documentaries - <https://www.bbc.co.uk/iplayer/categories/science-and-nature/featured>
- NASA TV - <https://www.nasa.gov/multimedia/nasatv#public>
- Cosmic Shambles, to feed your curiosity - <https://cosmicshambles.com/video/docs/>
- Science Channel, to answer all those questions you've always wanted to ask - <https://www.youtube.com/channel/UCvJiYiBUbw4tmpRSZT2r1Hw>

Explore it



Have a look at the following websites. There are lots of activities, quizzes and materials that may help to develop your knowledge and understanding of the subject.

- BBC News Science and Environment, keep up to date with all the latest science news - https://www.bbc.co.uk/news/science_and_environment
- Royal Society of Chemistry - <https://edu.rsc.org/student>
- Royal Society of Biology - <https://www.rsb.org.uk/students>
- Institute of Physics - <http://www.iop.org/education/student/index.html>
- ZSL Wild Science Podcast - <https://www.zsl.org/zsl-wild-science-podcast>
- PHET simulations, loads of simulations to play with to investigate and understand scientific ideas - <https://phet.colorado.edu/en/simulations>
- NASA and Google virtual tour of the surface of Mars - <https://accessmars.withgoogle.com/>
- Science Museum, explore the collections of the 5 science museums from home - <https://www.sciencemuseumgroup.org.uk/explore-our-museums-at-home/>
- Science Museum, activities and animations to have a go at home - <https://learning-resources.sciencemuseum.org.uk/resources/>
- Northumbria University, a range of activities to explore - <https://nustem.uk/activities/>

Try it



Why not challenge yourself and complete one of these extension tasks?

- How did Jenner discover vaccines?
- What is thalidomide and why is it not given to pregnant women?
- Why was Galileo imprisoned?
- Explain why antibiotics only work on bacteria and not viruses
- Why are plants green?
- Why is the sky blue?
- Why did Edison and Tesla not get on?
- Why is there a cancer charity called Marie Curie?
- Would you want a best friend like Wilkins?
- Why was Semmelweis locked up?
- Why are flat earthers wrong?

