

KS3 Science

Super Curriculum

Welcome to the KS3 Science Super Curriculum!

Below, you'll discover a variety of activities designed to challenge and extend your learning beyond the classroom curriculum.

Read



- Horrible Science:
<https://shop.scholastic.co.uk/horrible-science>
- A Really Short History of Nearly Everything:
Amazon.co.uk: Bryson, Bill, Bryson, Bill: 9780241451939: Books
- Women in Science, by Rachel Ignatofsky:
<https://www.waterstones.com/book/women-in-science/rachel-ignatofsky/9781526360519>
- 100 Things to know about Space, by Alex Frith, Alice James and Jerome Martin:
https://blackwells.co.uk/bookshop/product/100-Things-to-Know-About-Space-by-Alex-Frith-author-Jerome-Martin-author-Alice-James-author-Federico-Mariani-illustrator-Shaw-Nielsen-illustrator/9781805070016?srsId=AfmBOooC1dFUJIWtp1dAJ_CvbDxJyS7NssPYSSEgSnKaQBtC54C7EAb
- Fun Science, by Charlie McDonnell:
<https://www.penguin.co.uk/books/466996/fun-science-by-charlie-mcdonnell/9781849498029>

Watch



- Mark Rober's Crunch Labs Watch Mark Rober's CrunchLabs | Netflix
- Earth - BBC iPlayer
- Lessons Worth Sharing | TED-Ed
- Royal Institution Christmas lectures:
<https://www.bbc.co.uk/iplayer/episodes/b00pmbqq/royal-institution-christmas-lectures>
- Horrible Science:
<https://www.bbc.co.uk/iplayer/episodes/m0026y0p/horrible-science>
- Operation Ouch! - BBC iPlayer and Operation Ouch! Do Try This at Home - BBC iPlayer
- David Attenborough's Wild London -
<https://www.bbc.co.uk/iplayer/episode/m002hzg7/wild-london>
- Brian Cox's Solar System:
<https://www.bbc.co.uk/iplayer/episodes/p0jsg3l7/solar-system>

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Listen

- RSC Elements Podcasts:
<http://www.rsc.org/periodic-table/podcast>
- Revise atomic structure and the periodic table - BBC Bitesize
- Fizzics Education podcasts:
https://www.fizzicseducation.com.au/category/podcast/?srsltid=AfmBOorc2qa8IkKzFhx4fcILLVKAf7E5Ji_yhPsCoyrP6AfkV6LLg3uL
- Tumble Science Podcasts for Kids: Pick a podcast and tell your teacher about what you learnt from it:
<https://www.sciencepodcastforkids.com/>

Do

- Visit:
- Science Museum, London
- Natural History Museum, London
- London Planetarium, Greenwich
- Winchester Science Centre
- Kew Gardens - find out more about their conservation work
- 'Body Worlds' museum in Piccadilly Circus, London
- Whipsnade or London zoo - find out more about the endangered species that they have there
- Queen Mary University of London Pathology Museum
- Create a song to remember the names of the first 20 elements
- Download an app on the stars and constellations (e.g. Stellarium) then go outside at night to identify them
- Find out what vaccinations you have had in your life. Why are these systematically given to children?