



Ellison Science Week





Ellison Science Week is a time to explore, investigate and ask BIG questions.

Here is a clip to introduce science https://www.bbc.co.uk/bitesize/topics/z8q9pbk/articles/zshxb82

We have some fun activities to celebrate Ellison Science Week. We would love you to share your learning with us either by email or on our school twitter @EllisonPrimary ☺ Enjoy!

Family science

STEM Learning have a range of fun, hands-on activities for families to use at home, suitable for all ages from 4 to 16.
https://www.stem.org.uk/home-learning/family-activities?fbclid=IwAR10T8NWjA9xuYbIbpvyX6fmlNwjber9AldbuZqOhV5-XCCzZAF7m4sAio0

Scientists



- What do you know about Sir Isaac Newton and his amazing work on forces and gravity? Find out about Isaac Newton and then explore the questions and activities at the bottom of the last page.
http://teach.files.bbci.co.uk/terrificscientific/SirIsaacNewtonContentPack.pdf
- What do you know about Charles Darwin and his amazing work on evolution? Find out about Charles Darwin and then explore the questions and activities at the bottom of the last page.
http://teach.files.bbci.co.uk/terrificscientific/APBBCDarwinpack.pdf
- What do you know about William Harvey and his amazing work on blood and the body? Find out about William Harvey and then explore the questions and activities at the bottom of the last page.
http://teach.files.bbci.co.uk/terrificscientific/APBBCWHarvey240817a.pdf
- Find out about Edward Jenner and how he discovered the smallpox vaccine. What else can you find out about him?
https://www.bbc.co.uk/bitesize/clips/z3d9wmn
- Find out about Sir Alexander Fleming and his discovery of penicillin.
https://www.bbc.co.uk/bitesize/clips/zd2qxnb
- Explore some of the world's most famous scientists and some of the biggest discoveries ever made in science.
https://www.bbc.co.uk/teach/class-clips-video/science-ks2-scientists-and-scientific-method/z43mbdm
- Can you find out about any other scientists? Record your findings on a fact file or poster.
- If you could interview one of the famous scientists that you have researched what would you ask them?

Big Questions



https://www.bbc.co.uk/bitesize/topics/zmhxjhv/articles/zwdtrwx
Find out why scientists ask questions. What questions would you explore if you were a scientist? Can you find answers to any of your BIG questions?

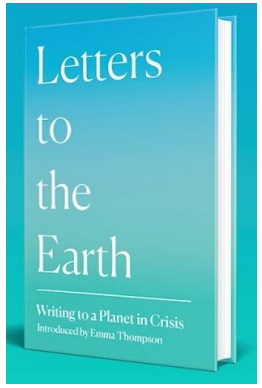
CBeebies

Discover fun science experiments and watch clips with CBeebies friends.
https://www.bbc.co.uk/cbeebies/curations/science-activities

Super Movers

Join Super Movers as they explore light and the solar system.
https://www.bbc.co.uk/teach/supermovers/science-collection/zdtymfr

Letters to the Earth



Letters to the Earth is a collection of letters and poems that express human feelings about the climate crisis. In the book there are letters from children, parents, artists, actors, poets, politicians, songwriters and scientists. There is the chance for children to add their voices to the collection. It could be a letter, poem, song, postcard or a picture. The letter could be written to the Earth or from the Earth, to future or past generations, to adults who have the power to make important decisions, to ordinary people or to other species (animals or plants). It could be written as a human or perhaps from the point of view of a bee, bird, beech tree or another species.

To find out more and to submit your entry click the link below and select the letters to the earth heading. The closing date is 31st August 2020.

https://pstt.org.uk/resources/curriculum-materials/Science-Fun-at-Home

The Moon and Space

- Go on a moon adventure. What's it like to be an astronaut? Where did the Moon come from? What's the future of humans in space? You can also complete the moon adventure

https://beta.iop.org/moon

https://d25f0oghafsja7.cloudfront.net/sites/default/files/2019-07/my-moon-adventure_web%20version_0.pdf

- Explore Space on NASA Kids Club. There are also fun activities and experiments to do at home.

https://www.nasa.gov/kidsclub/index.html

- Neil Armstrong's historic voyage to the Moon is explored in this short animated film

https://www.bbc.co.uk/teach/class-clips-video/ks2-neil-armstrong/zr9tjhv



- Explore the activities below to find out more and get creative.

Why not make your own Solar system

You can make your own rocket

Experiments

- Explore the home learning science activities. The website contains free CREST project resources and challenge packs incorporate a range of science activities and experiments ranging across numerous themes.

https://library.crestawards.org/

- ExpeRimental is a series of short films that make it fun, easy and cheap to do science at home with children aged 4 to 11. The films give you lots of ideas for activities that will explore the world around you, question and experiment together. You can download activity and information sheets to go with each video clip.

https://www.rigb.org/families/experimental

- On the link below there are a range of activities for children to have some fun with science at home. Each contains activities that are clear and simple, using household resources and fun. They also have follow up activities.

https://pstt.org.uk/resources/curriculum-materials/Science-Fun-at-Home

- The Science Museum Group has fun learning resources to explore. Download different packs and start investigating.

https://learning.sciencemuseumgroup.org.uk/resources/?keystage=ks1+ks2&type=at-home



Watch

- Explore video clips about animals, plants, the human body, habitats and the environment, materials, forces, light and sound, earth and space and electricity.

https://www.bbc.co.uk/bitesize/subjects/z6svr82 KS1

- Explore video clips about the living world, the human body, materials, forces and motion, light and sound, electricity and earth and space.

https://www.bbc.co.uk/bitesize/subjects/z2pfb9q KS2



