

Have fun with science this summer

The summer holidays are full of opportunities for learning about science. Dipping your net into a rock pool to see who lives there; using your arms and legs to propel yourself through the water; watching ice melt in your drink on a hot day – it's all science in action.

- Turn over and check out the **topics** for your year group. See what you can find out by carrying out your own investigations. Use the guide below, if you like.
- Check out the **websites** for some excellent science museums to visit in London, including some that are very little known.
- Find all this information on the Gatehouse PA website www.gatehousepa.org.uk/

Have fun! Mrs Cox

How to carry out a scientific investigation

1. Question: What do you want to find out?	2. Method: What will you <u>do</u> to find out?	3. Equipment: What will you <u>need</u> to carry out your investigation?	4. Variables: What <u>will</u> you change?	5. Measure: What will you measure or observe?
6. Fair Test: What will you keep the same to make sure the test is fair?	7. Record: How will you record your measurements?	8. Prediction: What do you <u>think</u> will happen?	9. Results: What <u>did</u> happen?	10. Conclusion: What do your results show?

Science Museum
www.sciencemuseum.org.uk/

Natural History Museum
www.nhm.ac.uk/

Wellcome Collection
www.wellcomecollection.org/

The Chemistry Centre
www.rsc.org/AboutUs/ChemistryCentre/

Kew Gardens
www.kew.org/

Benjamin Franklin House
www.benjaminfranklinhouse.org

Brunel Museum
www.brunel-museum.org.uk

Florence Nightingale Museum
www.florence-nightingale.co.uk

Grant Museum of Zoology
www.ucl.ac.uk/museums/zoology

Horniman Museum
www.horniman.ac.uk

Hunterian Museum
www.rcseng.ac.uk/museums

Kew Bridge Steam Museum
www.kbsm.org

Museum of St Bart's Hospital
www.bartsandthelondon.nhs.uk

Old Operating Theatre Museum
www.thegarret.org.uk

Royal Observatory
www.rog.nmm.ac.uk