

YEAR 8

Independent learning to be completed during school closure

Science 18th May - 5th June

Over the course of a fortnight you would have 5 Science lessons. Please spend a minimum of 5 hours on the mini-project detailed below.

Energy

Watch this video: <https://www.youtube.com/watch?v=nbXXFtF8Lzs>

Task	Description
1	Read the informations here and then do the quiz: https://www.bbc.co.uk/bitesize/guides/z99jq6f/revision/1
2	For each of the energy stores, describe what influences the amount of energy it has.
3	Give examples of objects that store each type of energy.
4	Create a wordsearch using the names of each of the energy stores - can someone else in the house solve it?
5	Energy in the home is supplied using electricity: research where your nearest power station is and what fuel it runs on.
6	Research renewable energy sources and write a brief summary of each one.
7	Describe what changes you could make to use less electricity in the home.

If you require further information please email:

Mrs J Anderson, Curriculum Leader – Science

JAN@longbenton.org.uk