

YEAR 7

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.

The Particle Model

Watch the video here: <https://www.youtube.com/watch?v=oaiTKgc8cjc>

Task	Description
1	Complete the BBC Bitesize lesson here: https://www.bbc.co.uk/bitesize/articles/zntyvk7
2	Draw diagrams of particles in the three states of matter.
3	Describe what the particles are doing in each state of matter.
4	Name all 5 of the changes of state and describe what happens in each.
5	Write your own description of what happens to particles when they are heated from a solid to a liquid and then into a gas.
6	Research substances that undergo sublimation. List them and the temperature that it happens at.
7	Research what particle physicists do. Would you be suited to do this job? Why?

If you require further information please email:

Mrs J Anderson, Curriculum Leader – Science

JAN@longbenton.org.uk

