

# Take Away Homework



Year 7  
Cycle 1

**Choose your homework from the menu below:**

The Peri-ometer suggests the difficulty or challenge the homework may offer. Every half term you should attempt at least one 'HOT or EXTRA HOT' task!



Variables	Measuring	Being a scientist
Dependent and independent. Produce a learning resource explaining what independent, dependent and control variables are in an investigation. How can you do this creatively?	Investigation: Produce a TV program (Actual program or script and resources) on and investigation of your choice. Make sure you include how to take accurate measurements	What does a scientist look like?? Write an in depth case study. On one or two famous modern scientists? How will you display this creatively?
Whats safety?? Produce a leaflet or booklet for year 7 pupils explaining safety in a science lab. Include pictures and information.	How long? Produce a poster or a 3D model showing how to measure lengths. How could you display it creatively?	Name that Scientist! Create an interactive PowerPoint quiz, with different scientists and their discoveries.
Fair is fair? Design a web page or booklet explaining making your investigations a fair test. How could you make this interactive?	Investigate the volume of any object. How are you going to measure the volume? What has Eureka got to do with it? How could you represent this creatively	Imagine visiting a year 3 and 4 class to explain about a famous scientist. Can you produce any resources to help spark interest and inspire? What visual aids would you use?
Investigations in Images. Find images of what you think represents "Scientific investigations" How could you represent this creatively.	Find pictures showing different measurements. Can you create a collage of them all.	Who's your hero. Tell me about your scientific hero, Can you tell me who they are and why they are your hero?