







Science Homework - Year 9
Autumn - Cell Structures, Chemical & Physical Changes, Motion

Retrieval	Reading	Rewarding
1. Chemistry - Educake - COMPULSORY TASK <ul style="list-style-type: none">• Change of State• Particulate nature of matter	2. Chemistry w The Discovery of Brownian Motion...	3. Chemistry i Chemical-and-Physical-Changes-C...
4. Physics - Educake - COMPULSORY TASK <ul style="list-style-type: none">• Distance Time graphs (BM template)	5. Physics w Speed and Velocity - what's the dif...	6. Physics i Forces and motion crossword.pdf
7. Biology - Educake - COMPULSORY TASK <ul style="list-style-type: none">• Y9 Cell Structure quiz (under KS3 Science)• RT Template	8. Biology w Autumn 1 Microscope Comprehen...	9. Biology - Read the following article on the development of microscopes: https://www.sciencemuseum.org.uk/objects-and-stories/medicine/microscope
10. Chemistry - Balancing equations 1 - COMPULSORY TASK i Balancing-Equations-1.pdf i ANSWERS TO Balancing-Equation...	11. Biology - Read the Information on Unicellular organisms (Bacterial cell) on KS3 Bitesize and complete the quiz at the end.	12. Physics - Create a poster, either on paper or digitally about the life and discoveries of Isaac Newton. You can use the i Sir Isaac Newton.pdf resource to help you.






Science Homework - Year 9
Spring - DNA Structure, Enzymes, Separation, Matter

Retrieval	Reading	Rewarding
<p>1. Chemistry - COMPULSORY TASK</p> <ul style="list-style-type: none">• Educake quiz• Separating Mixtures	<p>2. Chemistry</p> <p>Read through the article on Fractional Distillation</p> <p>https://science-resources.co.uk/KS3/Chemistry/Chemical_Reactions/Hydrocarbons/Distillation.htm</p>	<p>3. Chemistry - M & M candy chromatography</p> <p>https://www.youtube.com/watch?v=CCeeH2z8zaU</p>
<p>4. Physics - COMPULSORY TASK</p> <ul style="list-style-type: none">• Educake Quiz• States of matter and volume calculations	<p>5. Physics</p> <p> states of matter reading compre...</p>	<p>6. Physics - Creating a Hydraulic crane activity - complete at home</p> <p> creating a hydraulic crane record s...</p> <p> creating a hydraulic crane.pdf</p>
<p>7. Biology - COMPULSORY TASK</p> <ul style="list-style-type: none">• Educake Quiz• Y9 What happens in Cells? (under GCSE OCR)• RT Template	<p>8. Biology</p> <p>Read the text and answer the questions</p> <p> Spring Structure of DNA Reading H...</p>	<p>9. Biology - A guide to making a candy DNA model</p> <p><u>Science Buddies.</u></p>



Science Homework - Year 9
Summer - Respiration, Photosynthesis, Atomic Structure

Retrieval	Reading	Rewarding
<p>1. Chemistry - COMPULSORY TASK</p> <ul style="list-style-type: none">• Educake Quiz• Chemical symbols and periodic table	<p>2. Chemistry</p> <p>Periodic table Comprehension- Read and answer the questions</p> <p> Periodic table literacy task HW.pptx</p>	<p>3. Chemistry</p> <p>Make a model of the carbon atom.</p>
<p>4. Physics - COMPULSORY TASK</p> <ul style="list-style-type: none">• Educake Quiz• Atomic structure and the particle model	<p>5. Physics</p> <p>Reading and Comprehension task:</p> <p>The Geiger-Marsden experiment</p> <p> The Geiger-Marsden Experiment re...</p>	<p>6. Physics</p> <p>Creating atomic models activity.</p> <p> Atomic model rewarding activity.d...</p>
<p>7. Biology - COMPULSORY TASK</p> <ul style="list-style-type: none">• Educake Quiz• Y9 Respiration and Photosynthesis HW (under GCSE OCR) RT template	<p>8. Biology</p> <p>Read the following text, answer the questions and self assess your answers</p> <p>https://www.superteacherworksheets.com/reading-comp/4th-photosynthesis_WMTFZ.pdf</p>	<p>9. Biology</p> <p>Create a Poster on either the process of Photosynthesis or the process of Respiration.</p>