

# Year 7 Science Homework term 1

Week	Title	Task	Staff Signature
6	Cells	Choose a specialised cell and make a poster outlining how they are adapted. Include a diagram.	
7	Skeleton	Research the work of an orthopaedist. Describe their role and produce a leaflet to encourage students to become one.	
8	Fermentation	Find out 3 different uses of fermentation. Explain why the process is vital in some industries and what the world would be like without it.	
9	The Heart	Research different blood vessels in the body. Explain their similarities and differences, present your findings as a model. Be creative as you can.	
10	Revision	Produce a revision card from the last 9 homework's in preparation for your end of topic test.	

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Week	Title	Task	Staff Signature
1	Safety	Create a safety poster for a science lab, include new words you have learnt this week, diagrams and hazard symbols	
2	Clean water	Produce an acrostic poem on the importance of clean water. Use the word WATER.	
3	Solids, liquids and gases	Research a scientist studied how solids liquids and gases behave. Produce a fact file on this scientist and explain why their work was/is important	
4	Diffusion	Explain 4 everyday examples of diffusion. Fully Explain what happens to the particles.	
5	Microscopes	Produce a timeline on the development of the microscope. Starting with the earliest forms to the more complex ones we have today	

# Year 8 Science Homework term 1

Week	Title	Task	Staff Signature
<b>1</b>	<b>The structure of the lungs</b>	Describe how 5 different animals get oxygen around their bodies, present your findings as a poster	
<b>2</b>	<b>Smoking</b>	Produce a leaflet outlining the dangers of smoking which will encourage people to quit	
<b>3</b>	<b>Food groups</b>	Find 5 food labels from your fridge, cut them out and stick them on a piece of paper. Explain why different nutrients are needed for a healthy diet.	
<b>4</b>	<b>Global warming</b>	Write a letter to your friends explaining what global warming is and why this is a concern, explain what they can do to help the problem.	
<b>5</b>	<b>Heat and temperature</b>	Produce a fact file on some of the hottest and coldest temperatures on our planet. Make it clear what the difference is between heat and temperature?	

# Year 8 Science Homework term 1

Week	Title	Task	Staff Signature
6	Rates of reactions	Give 3 examples of rapid chemical reactions and slow chemical reactions. Explain what is happening in each situation. With each one produce an image to go with it.	
7	Combustion	Produce an acrostic poem titled Combustion. Use as much scientific language as you can.	
8	Planets	Make a model of a planet. Be as creative as you can.	
9	forces	Draw a picture of a children's playground, describe all the different forces acting in that playground.	
10	Pressure	Give 3 examples of where pressure is used to benefit our lives. Research 3 machines that rely on pressure and draw a labelled diagram for each.	