



Home Learning during self isolation

Y9 Science

Week Beginning	Topic(s) taught in school	Oak National Academy Lesson
19 th October	Diet and Exercise Energy and Reactions Refraction and Lenses	Healthy Diet (Part 1): https://classroom.thenational.academy/lessons/healthy-diet-part-1-6tjp2d Healthy Diet (Part 2): https://classroom.thenational.academy/lessons/healthy-diet-part-2-6wt6cr Exothermic and Endothermic Reactions: https://classroom.thenational.academy/lessons/exothermic-and-endothermic-reactions-cgw32t Temperature Change (Part 1): https://classroom.thenational.academy/lessons/required-practical-temperature-change-part-1-6tgp8c Reflection: https://classroom.thenational.academy/lessons/reflection-c5jp2r



		Reflected Images: https://classroom.thenational.academy/lessons/reflected-images-61gket
2 nd November	Diet and Exercise Energy and Reactions Refraction and Lenses	Unhealthy Diet: https://classroom.thenational.academy/lessons/unhealthy-diet-6dgk0r Energy Release: https://classroom.thenational.academy/lessons/energy-release-71h3jc Energy Level Diagrams: https://classroom.thenational.academy/lessons/energy-level-diagrams-cgv68e Calculating Bond Energies: https://classroom.thenational.academy/lessons/calculating-bond-energies-68tker



		<p>Refraction: https://classroom.thenational.academy/lessons/refraction-71hkgd</p> <p>Vision: https://classroom.thenational.academy/lessons/vision-c5jkcd</p>
9 th November	<p>Ecosystems</p> <p>Acids and Alkalis</p> <p>Density</p>	<p>Food Chains and Webs: https://classroom.thenational.academy/lessons/food-chains-and-webs-64uk4e</p> <p>Representing Food Chains: https://classroom.thenational.academy/lessons/representing-food-chains-60u34e</p> <p>Acids and Alkalis: https://classroom.thenational.academy/lessons/acids-and-alkalis-chk38d</p> <p>Density: https://classroom.thenational.academy/lessons/density-c8uk4c</p>



16 th November	Ecosystems Acids and Alkalis Density	Decay: https://classroom.thenational.academy/lessons/decay-6wu32d Impacts on Food Webs: https://classroom.thenational.academy/lessons/impacts-on-food-webs-69j3et pH Scale: https://classroom.thenational.academy/lessons/ph-scale-60r3gc Floating and Sinking: https://classroom.thenational.academy/lessons/floating-and-sinking-64wk4t
23 rd November	Adaptations Neutralisation Pressure in Liquids	Adaptation: https://classroom.thenational.academy/lessons/adaptation-c4w34r Neutralisation: https://classroom.thenational.academy/lessons/neutralisation-6xjpac



		<p>Simple Titrations: https://classroom.thenational.academy/lessons/simple-titrations-75h32c</p> <p>Pressure in Liquids: https://classroom.thenational.academy/lessons/pressure-in-liquids-6xk6ce</p>
30 th November	<p>Natural Selection</p> <p>Neutralisation</p> <p>Pressure in Liquids</p>	<p>Natural Selection: https://classroom.thenational.academy/lessons/natural-selection-6mrp6d</p> <p>Evolution Evidence: https://classroom.thenational.academy/lessons/evolution-evidence-6djp8c</p> <p>Antacid Investigation: https://classroom.thenational.academy/lessons/antacid-investigation-planning-c4r30e</p> <p>https://classroom.thenational.academy/lessons/antacid-investigation-analysis-and-conclusion-74v3cc</p>



		<p>Hydraulics: https://classroom.thenational.academy/lessons/hydraulics-6mrk2t</p> <p>Atmospheric Pressure: https://classroom.thenational.academy/lessons/atmospheric-pressure-6ww36c</p>
7 th December	<p>Pathogens</p> <p>Acid Rain</p> <p>Convection</p>	<p>Infectious Disease: https://classroom.thenational.academy/lessons/infectious-disease-6wu3ce</p> <p>Viral and Bacterial Disease: https://classroom.thenational.academy/lessons/viral-and-bacterial-disease-68v3at</p> <p>Strong and Weak Acids: https://classroom.thenational.academy/lessons/strong-and-weak-acids-ctk34d</p> <p>Conduction: https://classroom.thenational.academy/lessons/conduction-64vpad</p>



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