**Remote Curriculum**

Year 9 Science Term 1

**How it Works:**

1. Find the correct week commencing row.
2. Find today`s day - There are up to 3 different lessons in each day – you won’t run out of work.
3. Choose a lesson – hold ctrl and click the chosen link. If you don’t recognise the work, it appears too difficult or the link doesn’t load then try another task – look at the previous/next lesson or look at other days.
4. Some lessons have links to PowerPoints and other resources beneath the video and/or Starter Quiz (LSQ)
5. Complete any starter quizzes.
	1. Write your answer down
	2. Mark your answers and write down any corrections
6. Watch the videos and take notes.
7. Pause if/when instructed to do so to answer questions or respond.
8. Complete and go onto the next task or ‘Extension Task’

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| Week Commencing | Day | Title | Task**Hold ctrl and click** | Extension Tasks**Hold ctrl and click** |
| 8 Sept | Monday | Cell Structure and Transport | [005 Microscopes](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=253&lesson=3715)  | [Microscopes](https://classroom.thenational.academy/lessons/microscopes-lcj273) |
| Tuesday | [003 Light Microscopes](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=188&lesson=3691) | [006 Microscopy Practical](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=251&lesson=3377) |
| Wednesday | Atomic Structure and Periodic Table | [056 Elements and Compounds](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=188&lesson=3778) | [084 Atoms, Elements and Compounds](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=252&lesson=434) |
| [102 Writing Chemical Word Equations](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=189&lesson=2246) | [099 Particle Theory](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=250&lesson=509) |
| Thursday | Energy | [Energy Stores and Transfers](https://classroom.thenational.academy/lessons/energy-stores-and-transfers-q4rg3i) | [Conservation of Energy](https://classroom.thenational.academy/lessons/conservation-of-energy-and-efficiency-7d68ho) |
| Friday | [161H Energy Stores](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=420&lesson=3099) | [012 Conservation of Energy](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=188&lesson=4585) |
| 15 Sept | Monday | Cell Structure and Transport | [005 Magnification](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=188&lesson=3692) | [Magnification and Resolution](https://classroom.thenational.academy/lessons/microscopes-magnification-and-resolution-l07tgq) |
| Tuesday | [001F Eukaryotic and Prokaryotic Cells](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=253&lesson=3248) | [Prokaryotic and Eukaryotic Cells](https://classroom.thenational.academy/lessons/prokaryotic-and-eukaryotic-cells-b9qqye) |
| Wednesday | Atomic Structure and Periodic Table | [101 Balancing Equations](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=252&lesson=1105) | [215 Balancing Chemical Equations](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=189&lesson=921) |
| [080 Elements, Mixtures and Compounds](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=189&lesson=1479) | [214 Chemical Formulae](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=189&lesson=920) |
| Thursday | Energy | [014 Comparing Amounts of Energy in Stores](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=188&lesson=4583) | [Conservation of Energy](https://classroom.thenational.academy/lessons/conservation-of-energy-and-efficiency-7d68ho) |
| Friday | [015 Energy from Food](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=188&lesson=4582) |
| 22 Sept | Monday | Cell Structure and Transport | [002F Animal and Plant Cells](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=253&lesson=3686) | [Cell Structures](https://classroom.thenational.academy/lessons/cell-structures-fxjz0y) |
| Tuesday | [001 Animal Cells (Eukaryotes)](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=188&lesson=3688) | [Cellular Structures](https://classroom.thenational.academy/lessons/cellular-structures-m1g3jf) |
| Wednesday | Atomic Structure and Periodic Table | [083 Separating Mixtures: Distillation](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=189&lesson=3921) | [084 Separating Mixtures: Fractional Distillation](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=189&lesson=3918) |
| [085 Separating Mixtures: Chromatography](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=189&lesson=3813) | [082 Separating Mixtures: Evaporation](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=189&lesson=1481) |
| Thursday | Energy | [011 Energy Transfers](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=188&lesson=4586) | [Radiation](https://classroom.thenational.academy/lessons/radiation-d7lcc2) |
| Friday | [013 Describing Energy Transfers](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=188&lesson=4584) | [Insulation](https://classroom.thenational.academy/lessons/insulation-n8r8ye) |
| 29 Sept | Monday | Cell Structure and Transport | [002 Plant Cells (Prokaryotes)](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=188&lesson=3689) | [Specialised Animal Cells](https://classroom.thenational.academy/lessons/specialised-animal-cells-i2445v) |
| Tuesday | [006 Specialised Animal Cells 1](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=188&lesson=3694) |
| Wednesday | Atomic Structure and Periodic Table | [039 The Structure of the Atom](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=188&lesson=4291) | [086 Atomic Model](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=250&lesson=456)  |
| [041 The Model of the Atom](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=188&lesson=833) | [088 Sub-Atomic Particles and Isotopes](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=250&lesson=473) |
| Thursday | Energy | [016 Rate of Energy Transfer](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=188&lesson=4581) | [Conduction](https://classroom.thenational.academy/lessons/conduction-0yz3wp) |
| Friday | [169H Energy Transfer and Wasted Energy](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=420&lesson=3114) |
| 6 Oct | Monday | Cell Structure and Transport | [007 Specialised Animal Cells 2](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=188&lesson=3695) | [Specialised Cells](https://classroom.thenational.academy/lessons/specialised-cells-rs3q3d) |
| Tuesday | [008 Specialised Plant Cells](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=188&lesson=3696) |
| Wednesday | Atomic Structure and Periodic Table | [126 Electron Shells](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=189&lesson=3861) | [095 Covalent Bonding](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=250&lesson=503) |
| [127 Electron Configuration](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=189&lesson=3859) | [093 Ionic Bonding](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=250&lesson=4510) |
| Thursday | Energy | [010 Systems, Energy and Work](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=188&lesson=4587) | [Convection](https://classroom.thenational.academy/lessons/convection-6acbiv) |
| Friday | [Power and Energy](https://classroom.thenational.academy/lessons/power-and-energy-o9ueal) |
| 13 Oct | Monday | Cell Structure and Transport | [009 Stem Cells](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=188&lesson=3697) | [183 Using Genetics: Inheritance](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=189&lesson=2507) |
| Tuesday | [185 Using Genetics: Cloning](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=189&lesson=2515) |
| Wednesday | Atomic Structure and Periodic Table | [058 The Periodic Table](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=188&lesson=3781) | [089 History of the Periodic Table](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=250&lesson=476) |
| [189 The Periodic Table and the Atom](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=189&lesson=2908) | [060 Developing the Periodic Table 1](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=188&lesson=3782) |
| Thursday | Energy | [165H Work](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=420&lesson=4103) | [Gears, Levers and Pulleys](https://classroom.thenational.academy/lessons/what-impact-do-gears-levers-and-pulleys-have-on-forces-60w3cd) |
| Friday | [197H Work Done](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=420&lesson=3289) |
| 20 Oct | Monday | Cell Structure and Transport | [008 Diffusion](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=253&lesson=3259) | [How is Oxygen Transported Round the Body?](https://classroom.thenational.academy/lessons/how-is-oxygen-transported-around-our-bodies-60vk6r) |
| Tuesday | [009 Exchanging Materials](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=253&lesson=3337) |
| Wednesday | Atomic Structure and Periodic Table | [059 Metals and Non-Metals](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=188&lesson=1002) | [121 Extraction of Aluminium](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=250&lesson=4503) |
| [167 Metals](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=189&lesson=4846) |
| Thursday | Energy | [166H Power](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=420&lesson=3104) | [195 Gravity and Weight](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=420&lesson=3241) |
| Friday | [093 Gravity](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=189&lesson=4016) | [107 Newton`s Laws](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=189&lesson=3805) |
| EXTRA | Monday | Cell Structure and Transport | [112 Breathing and Gas Exchange](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=188&lesson=4626) | [Diffusion and Gas Exchange](https://classroom.thenational.academy/lessons/diffusion-and-exchange-surfaces-47ckut) |
| Tuesday | [010 Osmosis 1](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=253&lesson=3353) |
| Wednesday | Atomic Structure and Periodic Table | [108 Reactions of Metals with Oxygen](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=252&lesson=2700) | [096 Simple Molecules](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=250&lesson=1085) |
| [109 Reactivity of Metals](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=252&lesson=2705) | [110 Extracting Metals from Ores](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=250&lesson=4466) |
| Thursday | Energy | [164 Gravitational Potential Energy](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=420&lesson=4102) | [045 Newton`s First Law](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=188&lesson=999) |
| Friday | [162 Kinetic Energy](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=420&lesson=4101) | [046 Newton`s Second Law](https://www.greenshawlearningtrust.co.uk/virtual-curriculum?group=188&lesson=1000) |