## **Curriculum Map: Science**

## **Success for Everyone**



## Year 8

| cells 2 –<br>ransport<br>round the<br>oday<br>Diffusion  | Matter 2-<br>Conservation<br>of Mass  | Forces 2 –<br>Speed and<br>Motion   | Genes 2 -<br>Reproduction   | Reactions 2 -<br>Making Salts  | Energy 2 -   | Health &  | Earth 2 -  | Waves 2 -  |
|--|---|---|---|--|--|---|--|--|
|  |   |   |   |  | Heating and<br>Cooling   | Disease 1 -<br>Lifestyle and<br>Health  | Atmosphere   | Solar System and Beyond  |
| oigestive<br>ystem<br>Circulatory<br>ystem<br>espiratory<br>ystem<br>Ausculoskele<br>al System                   | Word Equations and Chemical Formula Ionic Formula Balancing Equations State Symbols Precipitation Reactions Chromatogra phy Gas Tests Flame Tests | Describing Speed Distance Time Graphs Velocity Acceleration Velocity Time Graphs Drag Terminal Velocity   | Growth Life cycles Reproduction Menstrual Cycle Pregnancy Birth Contraceptio n Reproduction in plants Seed Germination and Dispersal  | Hazards Acids & Alkalis Indicators Neutralisation Acids and Metals Acids and Carbonates Making Salts   | Temperature Heating and Cooling Cooling and Energy Transfer Thermal Conductors and Insulators Convection Thermal Store of Energy Specific Heat Capacity  | Health<br>Importance<br>of Hygiene<br>Public Health<br>Balanced<br>Diet<br>Food Tests<br>Fitness<br>Smoking<br>Drugs  | Atmosphere<br>Pollutants<br>Carbon<br>Footprint<br>Global<br>Warming<br>Ozone  | Planets and<br>the Solar<br>System<br>Earth and<br>Moon<br>Gravity<br>The Night Sky,<br>Stars and<br>Galaxies<br>Days and<br>Seasons   |
| nd of Unit<br>issessment<br>MCQ/short<br>inswer/long<br>inswer)<br>teacher<br>issessed.<br>iPP (Skills<br>pased) | End of Unit<br>assessment<br>(MCQ/short<br>answer/long<br>answer)<br>– teacher<br>assessed.<br>APP (Skills<br>based)                              | End of Unit<br>assessment<br>(MCQ/short<br>answer/long<br>answer)<br>– teacher<br>assessed.<br>APP (Skills<br>based)                                    | End of Unit<br>assessment<br>(MCQ/short<br>answer/long<br>answer)<br>– teacher<br>assessed.<br>APP (Skills<br>based)  | End of Unit<br>assessment<br>(MCQ/short<br>answer/long<br>answer)<br>– teacher<br>assessed.<br>APP (Skills<br>based)   | End of Unit<br>assessment<br>(MCQ/short<br>answer/long<br>answer)<br>– teacher<br>assessed.<br>APP (Skills<br>based)<br>– peer   | End of Unit<br>assessment<br>(MCQ/short<br>answer/long<br>answer)<br>– teacher<br>assessed.<br>APP (Skills<br>based)<br>– peer  | End of Unit<br>assessment<br>(MCQ/short<br>answer/long<br>answer)<br>– teacher<br>assessed.<br>APP (Skills<br>based)   | End of Unit assessment (MCQ/short answer/long answer) – teacher assessed. APP (Skills based) – peer  |
| isse<br>MC<br>insv<br>insv<br>tec<br>isse<br>PP  | ssment<br>Q/short<br>ver/long<br>ver)<br>acher<br>ssed.<br>(Skills<br>ed)   | Chromatogra phy Gas Tests Flame Tests  of Unit ssment assessment Q/short (MCQ/short answer/long answer) cher - teacher ssed. (Skills APP (Skills based) | Chromatogra phy Gas Tests Flame Tests  of Unit End of Unit assessment Q/short (MCQ/short (MCQ/short answer/long answer) answer) cher - teacher assessed. (Skills APP (Skills based) | Chromatogra phy Gas Tests Flame Tests  of Unit ssment assessment Q/short (MCQ/short answer/long answer) acher - teacher assessed. (Skills APP (Skills based)  Cas Tests Flame Tests  End of Unit and Dispersal  End of Unit answers (MCQ/short (MCQ/short answer/long answer) - teacher assessed. APP (Skills APP (Skills based) | Chromatogra phy Gas Tests Flame Tests  of Unit ssment assessment Q/short (MCQ/short answer/long answer) acher - teacher assessed. (Skills APP (Skills based)  Chromatogra phy Germination and Dispersal  End of Unit and Flame Tests  End of Unit and Flame Tests  (MCQ/short and Dispersal  End of Unit and Flame Tests  (MCQ/short answer/long answer/long answer/long answer/long answer) acher - teacher assessed.  APP (Skills APP (Skills based)  Seed Germination and Dispersal  End of Unit assessment (MCQ/short answer/long answer/long answer/long answer) answer) - teacher assessed. APP (Skills APP (Skills based)  Seed Germination and Dispersal | Chromatogra phy Gas Tests Flame Tests  of Unit ssment assessment Q/short (MCQ/short answer/long answer) ver) answer) acher - teacher assessed. (Skills APP (Skills based)  Chromatogra phy Germination and Dispersal  End of Unit assessment assessment assessment assessment (MCQ/short answer/long answer/long answer/long answer)  Chromatogra phy Specific Heat Capacity  End of Unit assessment assessment assessment (MCQ/short answer/long answer/long answer/long answer/long answer)  Chromatogra Chromatogra Capacity  End of Unit assessment assessment (MCQ/short answer/long answer/long answer/long answer)  Chromatogra Capacity  End of Unit assessment assessment (MCQ/short answer/long answer/long answer)  Chromatogra Capacity  End of Unit assessment assessment assessment (MCQ/short answer/long answer/long answer)  Chromatogra Capacity  End of Unit assessment assessment (MCQ/short answer/long answer/long answer)  Chromatogra Capacity  End of Unit assessment assessment (MCQ/short answer/long answer/long answer)  Chromatogra Capacity  End of Unit assessment assessment assessment (MCQ/short answer/long answer)  Chromatogra Capacity  End of Unit assessment assessment assessment (MCQ/short answer/long answer/long answer)  Chromatogra Capacity  End of Unit assessment assessment assessment assessment (MCQ/short answer/long answer/long answer/long answer/long answer/long answer)  Chromatogra Capacity  End of Unit assessment | Chromatogra phy Gas Tests Flame Tests  of Unit ssment Q/short (MCQ/short answer/long answer) answer) answer) answer) — teacher — teacher seed. (Skills APP (Skills based)  Chromatogra phy Germination and Dispersal  Seed Germination and Dispersal  End of Unit assessment Capacity  In Capacity | Chromatogra phy Gas Tests Flame Tests  of Unit ssment assessment (MCQ/short (MCQ/short answer/long answer) ans |