|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Subject: Science** | | | | | | |
| **Year: 9** | | | | | | |
| Half -Term | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| Themes/  Content/  A can of a product  Description automatically generated with medium confidenceUnits covered | **Variation for survival**  A drawing of a book  Description automatically generatedVariation and biodiversity  A rainbow colored heart with arrows  Description automatically generatedGenetics and inheritance  A cartoon rocket ship with red and blue stripes  Description automatically generatedSelective breeding and natural selection  A purple and green masks with a sad face  Description automatically generatedExtinction and conservation  **Obtaining useful materials**  Metal extraction and reactivity  A purple and green masks with a sad face  Description automatically generatedCarbon extraction and mining impact | **Obtaining useful materials (cont.)**  A cartoon rocket ship with red and blue stripes  Description automatically generatedChemical reactions and energy changes  Materials and their properties  A cartoon rocket ship with red and blue stripes  Description automatically generated**Motion on Earth and in Space**  Motion and graphical representation  Relative motion and forces  Earth’s movement and time measurement  A cartoon rocket ship with red and blue stripes  Description automatically generated  Gravity, orbits and space and the Solar System  A drawing of a book  Description automatically generatedStars and galaxies | **Our health and the effects of drugs**  A purple and green masks with a sad face  Description automatically generatedDrugs and their effects  A purple and green masks with a sad face  Description automatically generatedDisease  A purple and green masks with a sad face  Description automatically generatedThe immune system | **Using our Earth Sustainability**  The Geosphere  Rocks and the rock cycle  A purple and green masks with a sad face  Description automatically generatedEarth’s atmosphere  A purple and green masks with a sad face  Description automatically generated  Recycling  **Waves and Energy and Transfer**  A cartoon rocket ship with red and blue stripes  Description automatically generatedWaves  Light | **Waves and Energy and Transfer (cont.)**  Energy transfer  **Practical ecology**  A cartoon rocket ship with red and blue stripes  Description automatically generatedA purple and green masks with a sad face  Description automatically generated | **Atomic structure**  Atomic structure    Electron structure  A drawing of a book  Description automatically generatedDevelopment of the periodic table  **Energy resources**  Renewables  A drawing of a book  Description automatically generated  Non-renewables  A drawing of a book  Description automatically generated  A purple and green masks with a sad face  Description automatically generatedEnergy and the environment |