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| --- | --- | --- | --- | --- | --- | --- |
| **Subject: Science** | | | | | | |
| **Year: 7** | | | | | | |
| 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 | **Safety in the laboratory**  A purple and green masks with a sad face  Description automatically generatedWorking safely and scientific equipment  Models in science  **Cells and reproduction**  A pink brain with red veins  Description automatically generateduse of microscopes.  A cartoon rocket ship with red and blue stripes  Description automatically generated  Using models  A cartoon rocket ship with red and blue stripes  Description automatically generatedEvaluating competing methods  A rainbow colored heart with arrows  Description automatically generatedThe developing foetus.  A drawing of a book  Description automatically generatedAdaptations in plants | **Mixing, dissolving, and separating**  Properties of substances  A purple and green masks with a sad face  Description automatically generated  Dissolving  A purple and green masks with a sad face  Description automatically generatedSeparating mixtures.  A cartoon rocket ship with red and blue stripes  Description automatically generated  Particle model  Chromatography  A purple and green masks with a sad face  Description automatically generated | **Forces and their effects**  Types of force  A purple and green masks with a sad face  Description automatically generatedFriction and drag  Mass vs. weight  A cartoon rocket ship with red and blue stripes  Description automatically generatedNewton meters  **Eating, drinking, and breathing**  A purple and green masks with a sad face  Description automatically generatedHealthy diet  A rainbow colored heart with arrows  Description automatically generatedDiet imbalance | **Eating, drinking, and breathing (cont.)**  A cartoon rocket ship with red and blue stripes  Description automatically generatedGas exchange and diffusion surfaces  A purple and green masks with a sad face  Description automatically generatedLifestyle and disease impacts  A pink brain with red veins  Description automatically generatedDigestive system  **Elements, compounds, and reactions**  A drawing of a book  Description automatically generatedDeveloping the periodic table  A purple and green masks with a sad face  Description automatically generatedA pink brain with red veins  Description automatically generatedProperties and features of elements  A drawing of a book  Description automatically generatedNaming compounds | **Elements, compounds, and reactions (cont.)**  A cartoon rocket ship with red and blue stripes  Description automatically generatedRepresenting chemical reactions  A purple and green masks with a sad face  Description automatically generatedCombustion  **Energy stores and transfers**  Energy stores  A cartoon rocket ship with red and blue stripes  Description automatically generatedEnergy transfer  A pink brain with red veins  Description automatically generatedWork done  Thermal energy  A drawing of a book  Description automatically generatedFuels and energy resources | **Energy stores and transfers (cont.)**  Sound and waves  A purple and green masks with a sad face  Description automatically generated  Auditory range  **STEM Roller coaster project**  A purple and green masks with a sad face  Description automatically generatedTeamwork  A cartoon rocket ship with red and blue stripes  Description automatically generatedProblem solving  A pink brain with red veins  Description automatically generated  Design  **Hidden Figures**  A rainbow colored heart with arrows  Description automatically generatedA cartoon rocket ship with red and blue stripes  Description automatically generatedWomen in STEM  A rainbow colored heart with arrows  Description automatically generatedDiversity in STEM |