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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 generatedUsing 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 substancesA purple and green masks with a sad face  Description automatically generatedDissolving A purple and green masks with a sad face  Description automatically generatedSeparating mixtures.A cartoon rocket ship with red and blue stripes  Description automatically generatedParticle model ChromatographyA 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 dragMass 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 tableA purple and green masks with a sad face  Description automatically generatedA pink brain with red veins  Description automatically generatedProperties and features of elementsA 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 reactionsA 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 doneThermal energyA 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 generatedAuditory 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 generatedDesign**Hidden Figures**A rainbow colored heart with arrows  Description automatically generatedA cartoon rocket ship with red and blue stripes  Description automatically generatedWomen in STEMA rainbow colored heart with arrows  Description automatically generatedDiversity in STEM  |