|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Subject: Biology** | | | | | | |
| **Year: 10** | | | | | | |
| 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 | **Cell Biology**  Animal and plant cells    Microscopy  Diffusion, osmosis and active transport    Cell Division    Stem Cells | **Organisation**  Digestive System    Food tests    Enzymes  Blood, Blood Vessels, and the Heart | **Organisation continued**  Breathing and gas exchange  Transport Systems in plants  Transpiration in plants  **Infection and Response**  A drawing of a book  Description automatically generated  Health, pathogens, and disease  **SS only:**  Growing and investigating bacteria | **Infection and Response continued**  Human Defence Response  **SS only:**  Plant diseases and defences    Vaccinations  Antibiotics and painkillers  Discovering and developing drugs    **SS only:**  Making and using monoclonal antibodies    Cancer  Smoking, diet, exercise, alcohol, and disease | **Bioenergetics**  Photosynthesis  Factors affecting the rate of photosynthesis  How plants use glucose  Testing a leaf for starch | **Bioenergetics continued**  Aerobic and anaerobic respiration  Response to Exercise    Metabolism  **Paper 1 Revision** |