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| **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 cellsMicroscopyDiffusion, osmosis and active transportCell DivisionStem Cells  | **Organisation**Digestive SystemFood testsEnzymesBlood, Blood Vessels, and the Heart | **Organisation continued**Breathing and gas exchangeTransport Systems in plantsTranspiration in plants**Infection and Response**A drawing of a book  Description automatically generatedHealth, pathogens, and disease**SS only:** Growing and investigating bacteria | **Infection and Response continued**Human Defence Response **SS only:** Plant diseases and defences VaccinationsAntibiotics and painkillersDiscovering and developing drugs**SS only:** Making and using monoclonal antibodiesCancerSmoking, diet, exercise, alcohol, and disease | **Bioenergetics**PhotosynthesisFactors affecting the rate of photosynthesisHow plants use glucoseTesting a leaf for starch | **Bioenergetics continued**Aerobic and anaerobic respirationResponse to ExerciseMetabolism**Paper 1 Revision** |