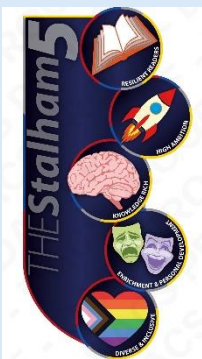






















































Stalham High School - Subject Curriculum Overview

Subject: Science

Year: 7

| Half -Term | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
|--|---|---|--|--|---|---|
| Themes/ Content/ Units covered  | Safety in the laboratory Working safely and scientific equipment    Models in science Cells and reproduction use of microscopes.  Using models  Evaluating competing methods  The developing foetus.  Adaptations in plants  | Mixing, dissolving, and separating Properties of substances  Dissolving   Separating mixtures.  Particle model  Chromatography   | Forces and their effects Types of force  Friction and drag   Mass vs. weight  Newton meters  Eating, drinking, and breathing Healthy diet   Diet imbalance  | Eating, drinking, and breathing (cont.) Gas exchange and diffusion surfaces  Lifestyle and disease impacts   Digestive system  Elements, compounds, and reactions Developing the periodic table  Properties and features of elements    Naming compounds  | Elements, compounds, and reactions (cont.) Representing chemical reactions    Combustion Energy stores and transfers Energy stores  Energy transfer  Work done  Thermal energy  Fuels and energy resources  | Energy stores and transfers (cont.) Sound and waves  Auditory range   STEM Roller coaster project Teamwork  Problem solving   Design  Hidden Figures Women in STEM  Diversity in STEM   |



Stalham High School - Subject Curriculum Overview