

TMBSS KS3 Core Big Ideas Science Programme

| Big Idea | Topic | Activate book | Possible Schedule |
|-----------|----------------------------|---------------|--------------------------|
| Organisms | Cells | 1 | Autumn term, first half |
| Matter | Elements, Compounds | 1 | |
| Forces | Forces and Motion | 1+2 | |
| Organisms | Body Systems | 1 | Autumn term, second half |
| Reactions | Chemical Reactions | 1 | |
| Waves | Sound | 2 | |
| Genes | Reproduction | 1 | Spring term, first half |
| Reactions | Acids and Alkalis | 1 | |
| Waves | Light | 2 | |
| Genes | Genetics and Immunity | 3 | Spring term, second half |
| Earth | Space | 1 | |
| Earth | Food Chains and Ecosystems | 2 | Summer term, first half |
| Matter | Separation Techniques | 2 | |
| Energy | Electricity and Magnetism | 2 | |
| Genes | Adaptation and Inheritance | 2 | Spring term, second half |
| Energy | Energy and Pressure | 2 | |

- The Science programme provides a suggested plan to cover all the topics included in the TMBSS Big ideas SOL.
- The transient nature of the TMBSS student cohort means that the sequencing of the topics is flexible.
- At the start of each placement, rigorous baseline assessments are undertaken by all students. These, together with information shared by their previous educational provision are used to plan and sequence each student's individual programme of study.
- Opportunities for Literacy, numeracy and SMSC are included in each plan
- Topic objectives are provided which follow the Activate programme of study