

St Thomas More RC College Curriculum Topic Overview commencing September 2020

Year 8 Science

| Week | Week beginning | Autumn   |
|------|----------------|--|
| 1    |                |  |
| 2    |                |  |
| 3    |                |  |
| 4    | 21/9/20        | <b>Periodic table:</b> Periodic table; Metals  |
| 5    | 28/9/20        | <b>Periodic table:</b> Group 7 & 0; Predicting properties                              |
| 6    | 5/10/20        | <b>Current:</b> Current in series circuits; Current in parallel circuits               |
| 7    | 12/10/20       | <b>Current:</b> Static charge; Electric fields   |
| 8    | 19/10/20       | <b>Voltage &amp; Resistance:</b> Voltage & cells; Voltage in series circuits           |
| 9    | 2/11/20        | <b>Voltage &amp; Resistance:</b> Voltage in parallel circuits; Resistance              |
| 10   | 9/11/20        | <b>Energy costs:</b> Energy; Non-renewable energy resources                            |
| 11   | 16/11/20       | <b>Energy costs:</b> Renewable energy resources; Paying for electricity                |
| 12   | 23/11/20       | <b>Elements:</b> Elements & compounds; Naming compounds & word equations               |
| 13   | 30/11/20       | <b>Elements:</b> Chemical formulae & symbol equations; Polymers, ceramics & composites |
| 14   | 7/12/20        | <b>Chemical energy:</b> Exothermic reactions; Endothermic reactions                    |
| 15   | 14/12/20       | <b>Chemical energy:</b> Uses of endothermic and exothermic reactions; Catalysts        |