



**Midhurst Rother College**

The best in everyone™

Part of United Learning



**sparx**



**Subject: Mathematics**

**Year group: 11 (Foundation)**

**Independent Learning programme Autumn**

| <b>Term</b> | <b>KPI</b>   | <b>Topic</b>              | <b>Strand</b>      | <b>Sparx clips</b>          | <b>Links to prior learning</b>   |
|-------------|--------------|---------------------------|--------------------|-----------------------------|--|
| <b>HT7</b>  | <b>11.01</b> | Pythagoras                | Geometry & Measure | U851,U385,U605,             | 9.04, 9.14, 10.01 (Powers and roots, substitution, rearranging formulae) |
|             | <b>11.02</b> | Right angled Trigonometry | Geometry & Measure | U283,U545                   | 9.14 (substitution), 10.01 (rearranging formulae)                        |
|             | <b>11.03</b> | Bearings & Scale Drawings | Geometry & Measure | U257,U525,U107              | 9.20, 9.21 (Angle facts and angles in parallel lines)                    |
| <b>HT8</b>  | <b>11.04</b> | Transformations           | Geometry & Measure | U849,U696,U799<br>U196,U519 |  |
|             | <b>11.05</b> | Congruence                | Geometry & Measure | U790,U866,U632              | 11.04 (excl. enlargement) (Transformations)                              |