# Year 8 – Spring term learning program

Depending on your current level of maths some students will need to review the year 7 lessons first.

More able students should complete additional lessons within each topic to extend themselves.

| Lesson Number | Subject - Algebra | Complete | Score |
|---|---|---|---|
| | **Topic - Simplifying Powers** | | |
| 6 | Multiplying Powers | | |
| 9 | Dividing powers | | |
| 12 | Simplifying Powers inside brackets, raised to another power | | |
| | **Subject - Number, Ratio and proportion** | | |
| | **Topic - Powers** | | |
| 31 | Simplifying powers -- multiplying positive powers | | |
| 32 | Simplifying powers -- dividing positive powers | | |
| 33 | Simplifying powers raised to another power | | |
| | **Subject - Algebra** | | |
| | **Topic - Multiplying Out Brackets** | | |
| 13 | Multiplying out brackets | | |
| | **Topic - Factorising into Single Brackets** | | |
| 22 | Factorising expressions into single brackets part 1 | | |
| 23 | Factorising expressions into single brackets part 2 | | |
| | **Topic - Substituting Numbers into Formula** | | |
| 25 | Substituting numbers into formula, part 1 | | |
| 26 | Substituting numbers into formula, part 2 | | |
| 27 | Substituting numbers into formula, part 3 | | |
| | **Topic - Solving Equations** | | |
| 52 | Solving equations, part 3 | | |
| 53 | Solving equations with brackets | | |
| 54 | Solving equations with a divide or fraction | | |
| | **Topic - Solving Equations Using Number Machines (Easier method)** | | |
| 57 | Solving equations with brackets, using number machines | | |
| 58 | Solving equations with a divide in, using a number machine | | |
| | **Topic - Rearranging Formula** | | |
| 28 | Rearranging formula part 1 | | |
| | **Topic - Inequalities** | | |
| 63 | Introduction to inequalities | | |
| 64 | Writing a list of integers from inequalities | | |
| 65 | Showing inequalities on number lines part 1 | | |
| 66 | Showing inequalities on number lines, part 2 | | |
| 67 | Showing inequalities on number lines, part 3 | | |
| 68 | Writing inequalities from number lines | | |
| 69 | Solving inequalities, part 1 | | |