## Equations, sequences and graphs:

| Objective | Sparx Task |  |
| :--- | :--- | :--- |
| Solve one step linear equations | M707 |  |
| Solve one step linear equations with fractions | M707 |  |
| Solve two step linear equations | M509 |  |
| Solve two step linear equations with fractions | M509 |  |
| Find the next term in a sequence of pictures | M366 |  |
| Continue number sequences by add, subtract <br> multiply or divide | M991 |  |
| Recognise and describe an arithmetic sequence | M991 |  |
| Generate terms of a sequence using the position to <br> term rule | M691 |  |
| Describe the nth term of simple sequences e.g. 2n, <br> 5n, 2n+1 | M622 |  |
| Generate coordinates from a function machine | M622 |  |
| Find the midpoint of a line segment | M932 |  |
| Find the endpoint given the midpoint and another <br> point | M932 |  |
| Plot coordinates from a rule to generate a straight <br> line | M797 |  |
| Use a table of values to plot graphs of simple linear <br> functions | Recognise and plot lines parallel to the axes | M93 |

