## Equations, Inequalities, Sequences and Graphs:

| Objective | Sparx Task |  |
| :--- | :--- | :--- |
| Plot linear graphs from equations and tables of <br> values | M932 |  |
| Plot two linear graphs on the same axes and solve <br> from the graph | U836 |  |
| Solve pairs of simultaneous equations algebraically | U757, U760 |  |
| More practice solving simultaneous equations | U757, U760 |  |
| Rearrange an equation into form y=mx+c | M888 |  |
| Identify the equations of horizontal and vertical lines | M888 |  |
| Identify the y intercept from the equation and the <br> graph | M888 |  |
| Identify the gradient from the equation and the graph | M888 |  |
| Identify the equation of a straight line from a graph | M888 |  |
| Use y=mx+c to identify parallel lines | U377 |  |
| Read distance time graphs | M581 |  |
| Read speed time graphs | U937 |  |
| Find the acceleration from a speed-time graph | U562 |  |
| Find the speed from a distance time graph | U462 |  |
| Plot simple quadratic graphs | U989 |  |
| Plot simple cubic graphs | U980 |  |
| Recognise and draw reciprocal graphs | U593 |  |

