## Probability:

| Objective | Sparx Task |  |
| :--- | :---: | :---: |
| Calculate probabilities of outcomes | M941, M938 |  |
| Find the probability of mutually exclusive outcomes and <br> events | U683 |  |
| Use and draw venn diagrams to find the probability of events | M829,M419 |  |
| Calculate relative frequencies and use to estimate the <br> probability of an event | M206 |  |
| Use estimated probability to calculate expected frequencies | M206 |  |
| Estimate probabilities using data from an experiment | M332 |  |
| List possible outcomes in a sample space diagram <br> and venn diagram | M718 |  |
| Calculate probabilities of repeated events | M206 |  |
| Construct tree diagrams | M299 |  |
| Use tree diagrams to find probabilities of two or more events | M299 |  |
| Venn diagrams | M829 |  |
| Probability from Venn diagrams | M419 |  |
| Probability from two way tables |  |  |
| Conditional probability from two way tables |  |  |

## Angles:

| Objective | Sparx Task |  |
| :--- | :---: | :---: |
| Scale drawings and measure | M112 |  |
| Maps and scale | M 112 |  |
| Measuring and drawing angles | M 780 |  |
| Drawing circles using a radius and diameter | M 196 |  |
| Constructing triangles | M 565 |  |
| Construct a perpendicular bisector | M 239 |  |
| Construct a perpendicular from a point to a line and a point on <br> a line | M 239 |  |


| Angle bisector | M232 |  |
| :--- | :---: | :---: |
| Loci | M253 |  |
| Find and describe regions using loci | M253 |  |
| Draw and measure bearings | M260 |  |

