Year 8 Objective List – Foundation

HT6 - 2022-23

Probability:

| Objective | Sparx Task | |
|--|------------|--|
| The basics of probability including language, certain, etc number line, events | M655, M941 | |
| Listing outcomes of events | | |
| Probability of an event | M941, M938 | |
| Probability of an event not happening | M941, M938 | |
| Estimate probability based on experimental data | M206 | |
| Calculate probabilities from two way tables | | |

Angles:

| Objective | Sparx Task | |
|--|------------|--|
| Use a protractor to measure and draw obtuse and reflex angles | M331 | |
| Identify parallel and perpendicular lines | M814 | |
| Correctly use geometrical terms and notation | | |
| Identify symmetries in 2D shapes | | |
| Angles in triangles | M351 | |
| Angles in polygons | M653 | |
| Identify vertically opposite angles and use in simple problems | M163 | |
| Sum of angles at a point on a straight line | M818 | |
| Sum of angles around a point | M818 | |
| Find unknown interior angles in any polygon | M653 | |
| Solve problems using the interior angles of regular and irregular polygons | M653 | |
| Find the exterior angle of any polygon | M653 | |
| Construct right angled triangles accurately and identify the longest side | M565 | |
| Investigate the lengths of side in right angle triangles | | |