APSC
Continuity of Learning

Year 9 – Maths

WB	Lesson	Key content	Online lesson link
21th April	Interior and exterior angles	To understand - Interior and exterior angles, angle sums - Understand a proof that the exterior angle of a triangle is equal to the sum of the interior angles at the other two vertices Explain why some polygons fit together and others do not	U447, U390, U730, U628, U732, U329, M985, U427 Set 1: Level 5 Set 2: Level 4 Set 3&4: Level 3 Set 5: Level 2 Set 6: Level 1
28th April	Interior and exterior angles	To understand - Interior and exterior angles, angle sums - Understand a proof that the exterior angle of a triangle is equal to the sum of the interior angles at the other two vertices Explain why some polygons fit together and others do not	U447, U390, U730, U628, U732, U329, M985, U427 Set 1: Level 5 Set 2: Level 4 Set 3&4: Level 3 Set 5: Level 2 Set 6: Level 1
5th May	Angles on parallel lines	To understand - Alternate and corresponding angles on parallel lines - Solve missing angle problems, giving reasons for answers	U826, U655 Set 1: Level 5 Set 2: Level 4 Set 3&4: Level 3 Set 5: Level 2 Set 6: Level 1
12th May	Basic Vectors	To be able to - Describe translations as 2D vectors Translate a given shape by a vector	U196, U903, U564, U632, U660 Set 1: Level 5 Set 2: Level 4 Set 3&4: Level 3 Set 5: Level 2 Set 6: Level 1
19th May	Transformations	-Translations -Rotations -Reflections -Enlargements	U196, U799, U696, U519 Set 1: Level 5 Set 2: Level 4 Set 3&4: Level 3 Set 5: Level 2 Set 6: Level 1
26th May		**Half-term**	

3rd June	Plans & Elevations	-Identify properties of the faces, surfaces, edges and vertices of cubes, cuboids, prisms, cylinders, pyramids, cones and spheres -Draw sketches of 3D shapes -Interpret the plans and elevations of 3D shapes	U743 Set 1: Level 5 Set 2: Level 4 Set 3&4: Level 3 Set 5: Level 2 Set 6: Level 1
10th June	Circles	- Circle definitions - centre, radius, chord, diameter, circumference - To calculate with area and circumference of circles	U767, U604, U950, U221, U373 Set 1: Level 5 Set 2: Level 4 Set 3&4: Level 3 Set 5: Level 2 Set 6: Level 1

17th June	Circles	- Circle definitions - centre, radius, chord, diameter, circumference - To calculate with area and circumference of circles	U767, U604, U950, U221, U373 Set 1: Level 5 Set 2: Level 4 Set 3&4: Level 3 Set 5: Level 2 Set 6: Level 1
24th June	Surface Area	- Find the surface area of prisms, spheres, pyramids and cones - Sketch nets of cuboids and prisms	U929, U259, U464, U761, U781, U523, U893, U334, U561 Set 1: Level 5 Set 2: Level 4 Set 3&4: Level 3 Set 5: Level 2 Set 6: Level 1
1st July	Surface Area	- Find the surface area of prisms, spheres, pyramids and cones - Sketch nets of cuboids and prisms	U929, U259, U464, U761, U781, U523, U893, U334, U561 Set 1: Level 5 Set 2: Level 4 Set 3&4: Level 3 Set 5: Level 2 Set 6: Level 1
8th July	Revision	Percentages: U554, U349, U773, U671, U286, U278, U533 Proportion: U721, U610, U357, U640, U407, U364, U138, U238 Probability: U408, U510, U683, U166, U104, U476, U748, U296, U280, U580 Inequalities: U759, U509, U738, U145 Pythagoras: U851, U385, U541	Set 1: Level 5 Set 2: Level 4 Set 3&4: Level 3 Set 5: Level 2 Set 6: Level 1
15th July	Revision		Set 1: Level 5 Set 2: Level 4 Set 3&4: Level 3 Set 5: Level 2 Set 6: Level 1

| 22nd July | Summer Holidays |