YEAR 3 – MATHEMATICS

Subject	Mathematics
Class/ Division	Year 3 (A-E)
Week	Week 12 (15th November to 19th November, 2020)
Work send to students via	Google Classroom, Videos and ZOOM classes
Total number of lessons per week	Total – 6 Synchronous – 4; Asynchronous – 2
Unit	3D & 2D shapes
Lesson 1 **(Asynchronous)** **Task** **Resources**	**Topic:** 3D shapes **Learning objective:** Name and recognise the properties of 3D shapes. **Learning Outcomes:** By the end of the lesson, I can: • Recap concept of 3D shapes studied in previous years • Recognise and name 3D shapes (cube, cuboid, cone, cylinder, sphere, hemisphere, square-based pyramid and triangular prism) • Describe the properties of 3D shapes using the terms: faces, edges and vertices 1. PowerPoint Presentation (SELF-EXPLANATORY/ CHILD-FRIENDLY) 2. Video 3. Practice: Textbook and Notebook PowerPoint Presentations, videos, notebook/ paper/ worksheets.
Lesson 2 **(Synchronous)** **Task** **Resources**	**Topic:** 3D shapes **Learning objective:** Name and recognise the properties of 3D shapes. **Learning Outcomes:** By the end of the lesson, I can: • Recap concept of 3D shapes studied in previous years • Recognise and name 3D shapes (cube, cuboid, cone, cylinder, sphere, hemisphere, square-based pyramid and triangular prism) • Describe the properties of 3D shapes using the terms: faces, edges and vertices ZOOM lesson PowerPoint Presentations, videos, notebook/ paper/ worksheets.
Lesson 3 **(Synchronous)**	**Topic:** 2D shapes **Learning objective:** Name and recognise the properties of 2D shapes. **Learning Outcomes:** By the end of the lesson, I can: • Recap concept of 2D shapes studied in previous years • Recognise and name 2D shapes (circles, semi-circles, triangles, quadrilaterals, pentagons and hexagons) • Describe the properties of 3D shapes using the terms: edges and vertices

Task **Resources**	ZOOM lesson PowerPoint Presentations, videos, notebook/ paper/ worksheets
Lesson 4 **(Synchronous)** **Task** **Resources**	**Topic:** Right Angles **Learning objective:** Recognise right angles and know they are 90° **Learning Outcomes:** By the end of the lesson, I can: • Understand angles are measured in degrees; recognise ° as the symbol for the measurement of degrees • Identify right angles (90°) as quarter turns • Identify whether angles are greater than or less than a right angle ZOOM lesson PowerPoint Presentations, videos, notebook/ paper/ worksheets.
Lesson 5 **(Asynchronous)** **Task** **Resources**	**Topic:** Perimeter of 2D shapes **Learning objective:** Find the perimeter of 2D shapes **Learning Outcomes:** By the end of the lesson, I can: • Understand the term perimeter to mean the length/distance around the edge (border) of a 2D shape • Calculate perimeter by adding the lengths of the sides of the shape 1. PowerPoint Presentation (SELF-EXPLANATORY/ CHILD-FRIENDLY) 2. Video 3. Practice: Textbook 2A and Notebook PowerPoint Presentations, videos, notebook/ paper/ worksheets.
Lesson 6 **(Synchronous)** **Task** **Resources**	**Topic:** Perimeter of 2D shapes **Learning objective:** Find the perimeter of 2D shapes **Learning Outcomes:** By the end of the lesson, I can: • Understand the term perimeter to mean the length/distance around the edge (border) of a 2D shape • Calculate perimeter by adding the lengths of the sides of the shape ZOOM lesson PowerPoint Presentations, videos, notebook/ paper/ worksheets.