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| Primary focus for the week: Position and Direction – Coordinates. Translations and Reflections. |
| Year 5/6 Home learning | Maths (support) | WB 18.01.2021 |
| Day | Key learning | Activity |
| **Monday** | *(Have available* ***properties of shapes maths knowledgeorganiser.pdf*** *to support learning throughout the week – attached )*This week we are learning about Coordinates. Translations and Reflections. Enjoy!**To describe positions on a 2D Grid as coordinates**In this lesson, you will be revising the names of different types of 2D shape. We will begin to explore how shapes can be referred to on a grid using coordinates. We will learn about the x and y axis and how to read coordinates to locate points on a grid. We will use the correct mathematical language for shape and coordinates for a variety of quadrilaterals. | **Oak National Academy Key Stage 2 :** **Lesson 1**Watch and complete activities linked to the following online lesson.<https://classroom.thenational.academy/lessons/to-describe-positions-on-a-2d-grid-as-coordinates-c4w66r>**Arithmetic Practise**This week’s focus: **division**. Division using 1 digit and 2 digit numbers, division of decimals and fractions. |
| **Tuesday** | **To investigate a problem, describing position on a 2-D grid as coordinates**In this lesson, you will be revising prior learning about coordinates. We will continue to explore how points plotted on a grid can be referred to using coordinates. We will learn about the x and y axis and how to read coordinates to locate points on a grid. We will remember that you must read the x axis first followed by the y axis. We will investigate using our new knowledge. | **Oak National Academy Key Stage 2 :** **Lesson 2**Watch and complete activities linked to the following online lesson.<https://classroom.thenational.academy/lessons/to-investigate-a-problem-describing-position-on-a-2-d-grid-as-coordinates-6mv3cr>**Arithmetic Practise**This week’s focus: **division**. Division using 1 digit and 2 digit numbers, division of decimals and fractions. |
| **Wednesday** | **To Plot Specified Points and Draw Sides to Complete a Given Triangle**In this lesson, you will deepen your understanding of coordinates by plotting various types of triangle onto a grid. We will use our knowledge of triangles to name the type and follow instructions to meet a range of criteria. | **Oak National Academy Key Stage 2 :** **Lesson 3**Watch and complete activities linked to the following online lesson.<https://classroom.thenational.academy/lessons/to-plot-specified-points-and-draw-sides-to-complete-a-given-triangle-cgtker>**Arithmetic Practise**This week’s focus: **division**. Division using 1 digit and 2 digit numbers, division of decimals and fractions. |
| **Thursday** | **To Describe Movement Between Positions as Translations of a Given Unit Left/Right or Up/Down 1**In this lesson, you will begin to learn how to move a shape from one position to another on a grid. You will look at the translation of shapes a given number of units up, down, left or right. We will develop strategies to reposition these shapes and check that we are working accurately. | **Oak National Academy Key Stage 2 :** **Lesson 4**Watch and complete activities linked to the following online lesson.<https://classroom.thenational.academy/lessons/to-describe-movement-between-positions-as-translations-of-a-given-unit-leftright-or-updown-1-65h36t>**Arithmetic Practise**This week’s focus: **division**. Division using 1 digit and 2 digit numbers, division of decimals and fractions. |
| **Friday** | **To Describe Movement Between Positions as Translations of a Given Unit Left/Right or Up/Down 2**In this lesson, you will continue to move a variety of shapes from one position to another on a grid. You will look at the translation of shapes a given number of units up, down, left or right. We will further develop strategies to reposition these shapes and check that we are working accurately. | **Oak National Academy Key Stage 2 :** **Lesson 5**Watch and complete activities linked to the following online lesson.<https://classroom.thenational.academy/lessons/to-describe-movement-between-positions-as-translations-of-a-given-unit-leftright-or-updown-2-64w3ec>**Arithmetic Practise**This week’s focus: **division**. Division using 1 digit and 2 digit numbers, division of decimals and fractions. |