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## Power Maths Key Vocabulary

Year 1 - Block C

| Key Vocabulary | Explanation of Terms | Example Question(s) |
| :---: | :---: | :---: |
| array | An array is an arrangement of objects, numbers or pictures in columns or rows. The purpose of an array is to help children understand multiplication and division. | Amir and Whitney are making arrays. <br> Who has made a mistake? Explain why. <br> (Possible answer: Whitney has made a |
| row | In an array, rows represent the number of groups. | mistake because her array is not in columns. There are an unequal amount of squares in each row.) <br> Teddy and Alex are writing number sentences to describe the array. |
| column | In an array, columns represent the number in each group or the size of each group. | Who do you agree with? Explain why. <br> (Possible answer: They are both right. Teddy has counted the columns. Alex has counted the rows.) |


|  |  | Eva begins to make an array with 40 counters. <br> She has finished her first row and her first column. <br> Complete her array. <br> Write two different number sentences to describe the finished array. <br> (Possible answer: Array showing $10+10+10$ $+10=40 \text { or } 4+4+4+4+4+4+4+4+4+$ $4=40)$ |
| :---: | :---: | :---: |
| double <br> twice | To double of a number, we add the same number to itself. For example, double of 2 is $2+2=4$. <br> Twice means two times; on two occasions. | Louise doubles her donuts. The picture shows what she had after she doubled her donuts. <br> Who do you agree with? Explain why. <br> (Possible answer: Whitney is correct because the image shows what she was left with. She had 8 after she doubled and double 4 is 8 .) |




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|  | The object will have turned $90^{\circ}$. | Alex turns her number shape and it finishes facing this direction. <br> What direction could it have started facing? <br> What turn could it have made? |
| :---: | :---: | :---: |
| left | If you are holding a compass and facing north, the direction to the west of you is also to your left. Left is the opposite of right. |  |
| right | If you are holding a compass and facing north, the direction to the east of you is also to your right. Right is the opposite of left. | Who is correct? <br> Explain how you know. <br> (Both children could be correct because they have not stated what the pink doughnuts are left or right in relation to.) |
| forwards | Forward means in the direction that one is facing or travelling; towards the front. | How many different ways can you describe the position of the 2 p coin? |
| backwards | If you move or look backwards, you move or look in the direction that your back is. |  |
| above | Above is a preposition or an adverb. When we use above as a preposition, it means higher than. |  |
| below | Below is a preposition or an adverb. We use below most commonly as a preposition meaning lower than. It has a similar meaning to under. |  |




| year | A year is a period of 12 months or 365 or 366 days. It is the time taken by the earth to make one revolution around the sun. | January |
| :---: | :---: | :---: |
| calendar | A calendar is a chart or series of pages showing the days, weeks and months of a particular year. <br> September 2018 |  |
| date | A date is a reference to a particular day represented within a calendar system. The calendar date allows the specific day to be identified. The number of days between two dates may be calculated. In most calendar systems, the date consists of three parts: the day of the month, the month, and the year. | This month is February so last month was $\qquad$ <br> This month is August so next month is $\qquad$ <br> The month before January is $\qquad$ <br> The month that is 3 months after May is $\qquad$ <br> The month that is 5 months before August is $\qquad$ <br> My birthday is in $\qquad$ <br> True or False? <br> There are 4 months that begin with the letter J. <br> All the months of the year end with the same letter. <br> There are 2 months of the year that have 4 letters. <br> There is only 1 month of the year that has 3 letters. <br> December has warm weather. <br> January is the first month of the year. <br> February comes after March but before <br> January. <br> December comes before January but after November. <br> There are 6 months of the year that have more than 7 letters. |
| o'clock | When the minute hand points at 12 it is showing the full hour. This time is called o'clock. | - How do you know which is the minute hand? <br> - How do you know which is the hour hand? |


note

