**Badgers Homework - Term 1**

**Please choose 1 Maths and 1 Writing task each week. You need to complete 6 of each task over the term.**

**Maths**

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| If I know 3 x 10 = 30, what else do I know? Write at least 20 calculations.★ Explain how you know | Show your working: | If the answer to x is 12,what could the value of the shapes be? Give all your answers.  |
| Write the value of each underlined digit.  | Which of these are the odd one out? Is there more than one answer?  | Odd One Out:Can you find more than one odd one out?  |
| Dora is thinking of a 6 digit number: - It is an odd number- The smallest digit has the greatest value. - The largest digit has the smallest value. - The first and last digit add up too 10. - The first three digits also add up too 10. - The last three digits add up too 20. - The two middle digits are the same.  | **2, 4, 5**Can you find 10 different answers? You must use each number once in each calculation, but any operation and in any order. eg, 2x4-5=3 | Complete the Multiplication wheels: Multiplication Wheels - Superstar WorksheetsMultiplication Wheels - Superstar Worksheets |

**Writing**

Each week, explain your reasons/opinions – in detail! You may want to start your explanations with the phrases below

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| If you could have a superpower, what would it be and why? | Would you like to climb a mountain? Why? | What if? What if Dinosaurs were alive today? | Debate:Books are better than Television. |
| Can you think of 3 materials that change state when they are heated? Can they change back again?  | If the answer is ‘Time.’ Think of 10 possible questions.  | Game: Can you name all 11 parts of the body that have 3 letters? | Would you rather live on a mountain or in a town? Why? |