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|  | Context for learning  - Question | Activity |
| Day one  **Learning Focus**:  Introduce algebra – Addition and Subtraction | Algebra maths warm up PowerPoint using – Shapes to start with. | Set 1:  Introduce children to adding and subtracting using algebra – What method can we use when working out the missing number? Inverse  Children to answer questions with up to 3 steps e.g.  53 + 72 + a = 165  650 – 13 – 25 = b |
| Set 2:  Children to add and subtract using algebra – Introduce children to the method of using the inverse.  Children to answer questions with 2 steps e.g.  40 + a = 340  750 – 60 = b |
| Day two  **Learning Focus:**  Multiplication and algebra | I’m thinking of a number differentiated questions.  Work in pairs  e.g. I start with a number  I multiply by 7.  I add 5.  I end with the number 54.  What number did I start with? | Set 1/Set 2: Set 2 – Support from TA’s – Small group to work in Year 6 Area with Miss Rylance/Mrs Worthington  Starter- Whiteboard activity recapping the previous lesson  Introduce children to multiplying algebra e.g 3t = 24 t= 8  2x = 12  6j = 54  Highlight when there is a number with a letter it means multiplication.  Plenary - <https://www.topmarks.co.uk/maths-games/hit-the-button> |
| Day three  **Learning Focus:** Algebra word problems | Starter – Algebra Alphabet | Set 1:  Algebra word problems – Addition/Subtraction/Multiplication   1. e.g. Andy buys ***k*** packets of crisps. Laura buys 2 more packets of crisps than Andy.    * 1. Write an expression for the total number of packets of crisps.      2. There were 14 packets of crisps bought altogether. How many did Andy buy?      3. Each packet of crisps cost 60p. How much did they each spend?   Plenary – Write 3 algebra questions for peer  Self – assessment – green/orange/red for how they are feeling about algebra? |
| Set 2:  Algebra word problems – Addition and Subtraction  Similar to Set 1 however simplified compared to above. – Each child will be given an algebra mat – with a number of questions on they can work in pairs.  Plenary – Write 3 algebra questions for a peer |
| Day four  **Learning Focus:** Class Test – Re-cap of Autumn Term 1 Learning | TT Rock stars | Set 1/Set 2:  Short class test recapping everything we have done so far this half term a mixture of questions including:   * Four rules of number * Fractions (equivalent, improper/mixed, simplify etc) * Algebra |
| Evaluation/Reflection/Intervention (To be completed in PPA) | | |