Math Journal - Chapter 2 - Algebra

2.01 Create your own algebraic expression. Make a table to show 5 possible solutions.

2.02 The extension from Math6.org for this lesson is a fun magic trick. You may complete this extension or create an Error Alert poster to assist your classmates in understanding the difficulties related to subtraction expressions. Please include correct and incorrect examples for writing subtraction phrases.

2.03 Select your 5 favorite foods and research the number of grams of sugar in each. Create a table showing the results. Then create a second table that shows only one of the results and write an algebraic expression for each of the missing results. (see sample)

Animal Speeds	
Cheetah	4n - 30
Lion	n + 5
Rabbit	2n - 15
Human	n
n = 25	

2.04 Many students require a visual clue to assist in remembering to keep equations balanced during "alterations". Choose any problem from today's work. Draw a balance for each step of the solution and show how you kept the equation balanced as you found the solution.

2.05 Use the model in box 1 of today's guided practice or create a new flow map with examples to help you write a "how to solve subtraction equations" paragraph.

2.06 Today's enrichment from Math6.org will compare, predict, and test with algebra. I would like you to complete this enrichment **or** complete worksheet 2.6ext modeling the algebra for each problem.

2.07 You now know how to apply all 4 of the operations to equations with variables. Create a 4x4. Select one problem for each operation and model its solution. Then on the back of the 4x4, write a paragraph or poem about the equation operation you find to be the easiest or most interesting. (you need not explain why - you may write a love poem, a eulogy, sermon, newspaper article ...)

General Scoring Rubric:
- 0 No Response
- 1 Wrong response
- 2 Weak response
- 3 Showed understanding
- 4 Showed understanding and cited an example
- 5 Showed understanding, cited examples and communicated effectively enough to enable others to understand.