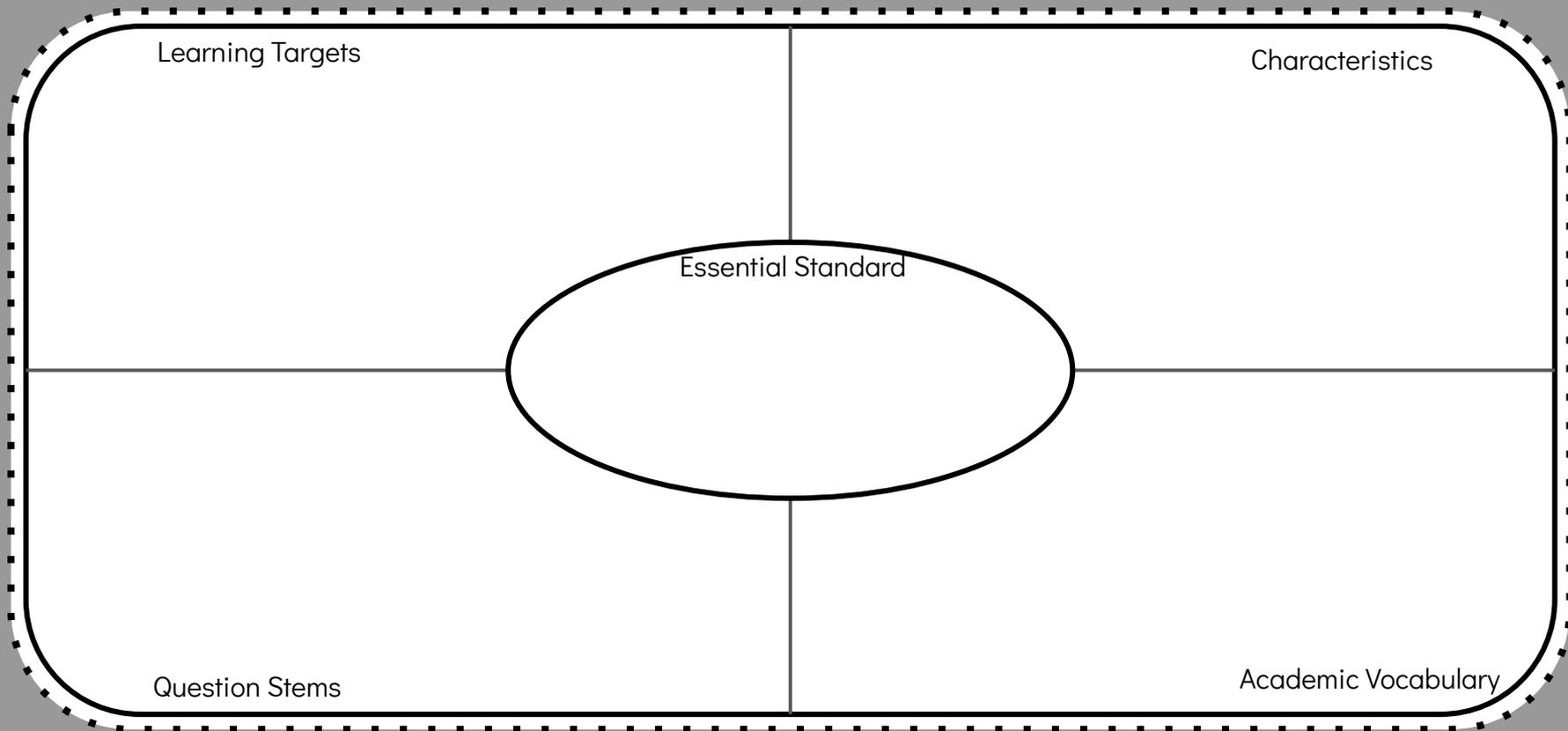


Deconstructing an Essential Standard

Getting crystal clear on what students need to know!



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Learning Targets

- I can identify the value of a digit when it is moved one place value greater within a number.
- I can identify that a digit represents ten times what the same digit represents in the place to its right.

Characteristics

Identify the value of a digit if it moves its place value one position greater

Essential Standard

4.NSBT.1 Understand that, in a multi-digit whole number, a digit represents ten times what the same digit represents in the place to its right.

- What is the difference between a digit and a number.
- What happens to the value of the digit in the ____ place when the number is multiplied by 10?
- How does the value of the digit in the ____ place compare to the value of the digit in the ____ place?

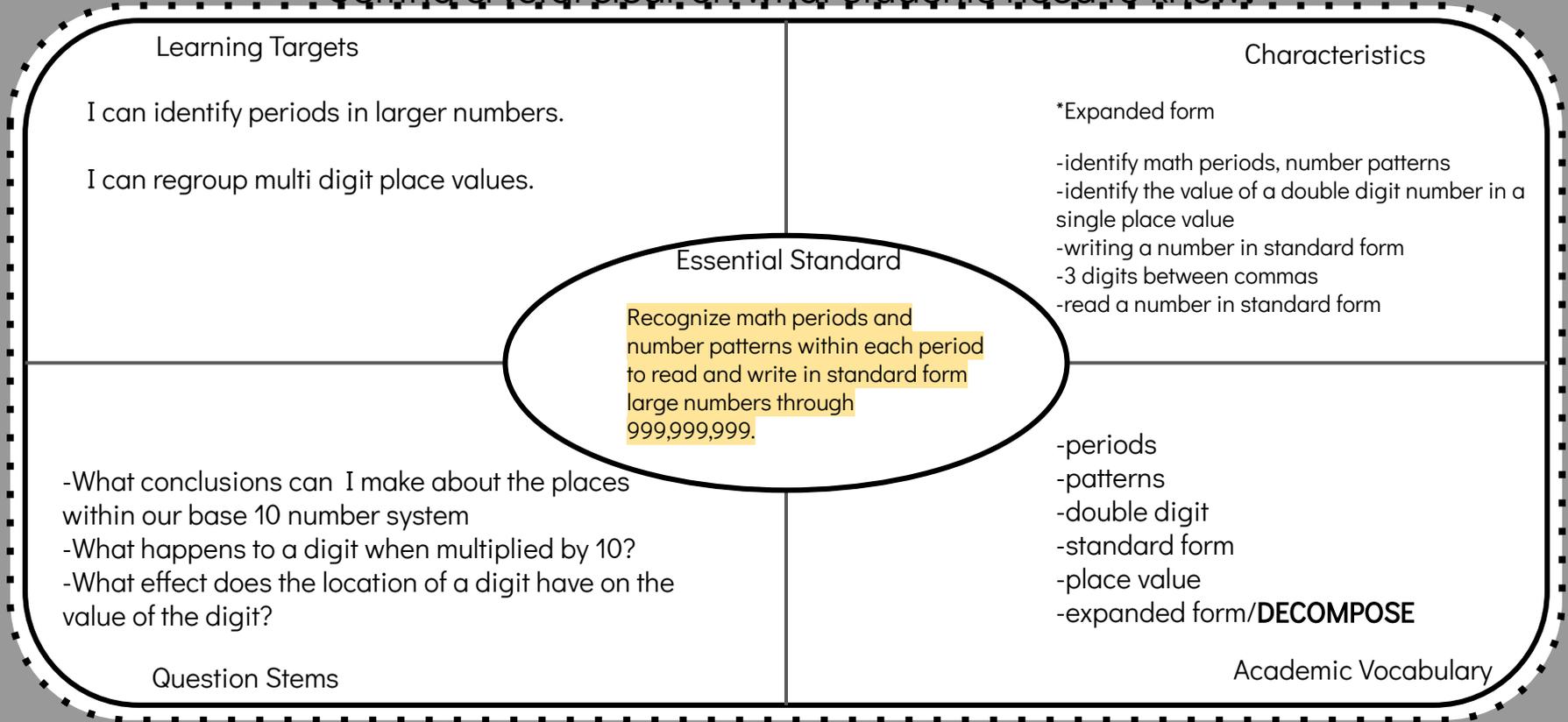
Digit
Place value
Value
10 times greater

Question Stems

Academic Vocabulary

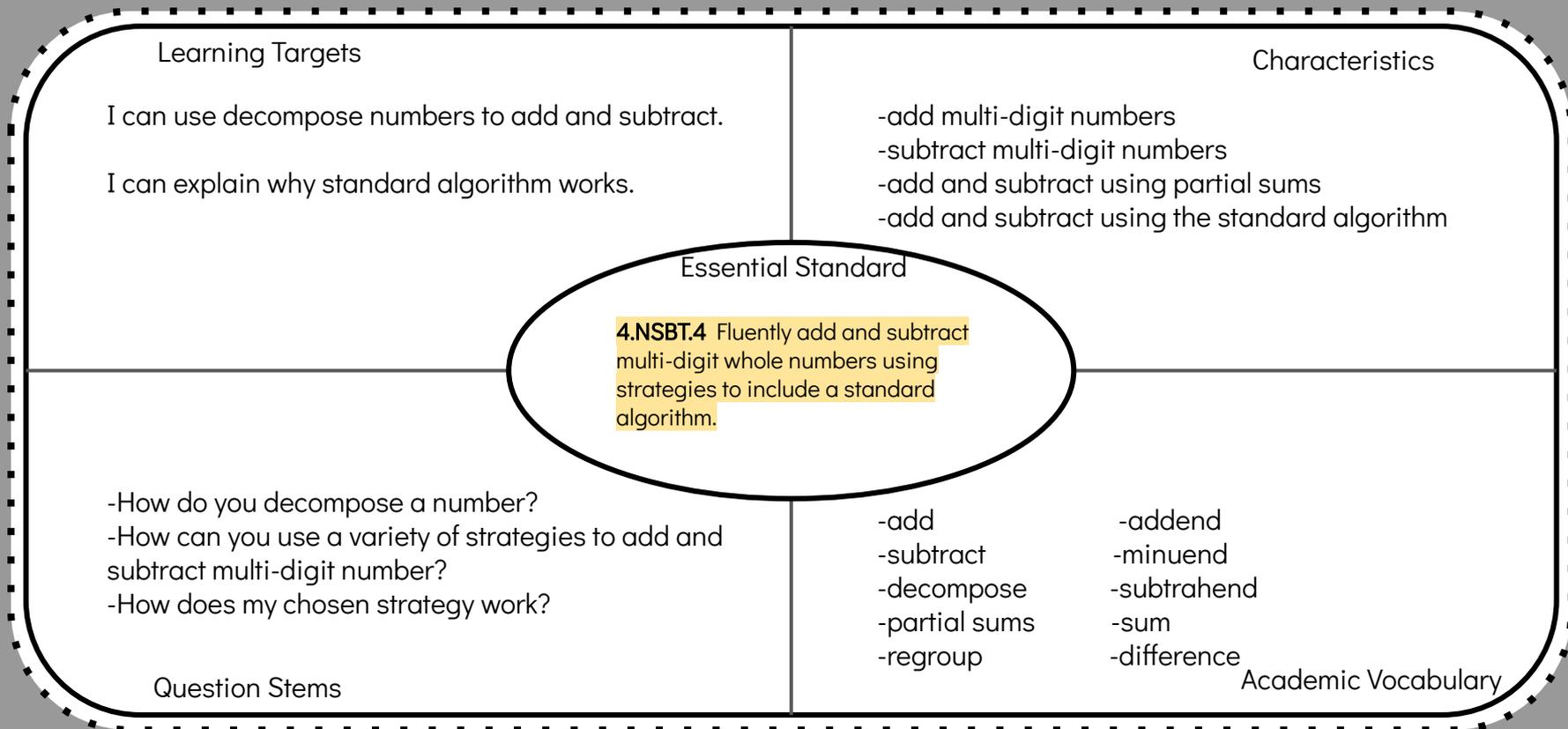
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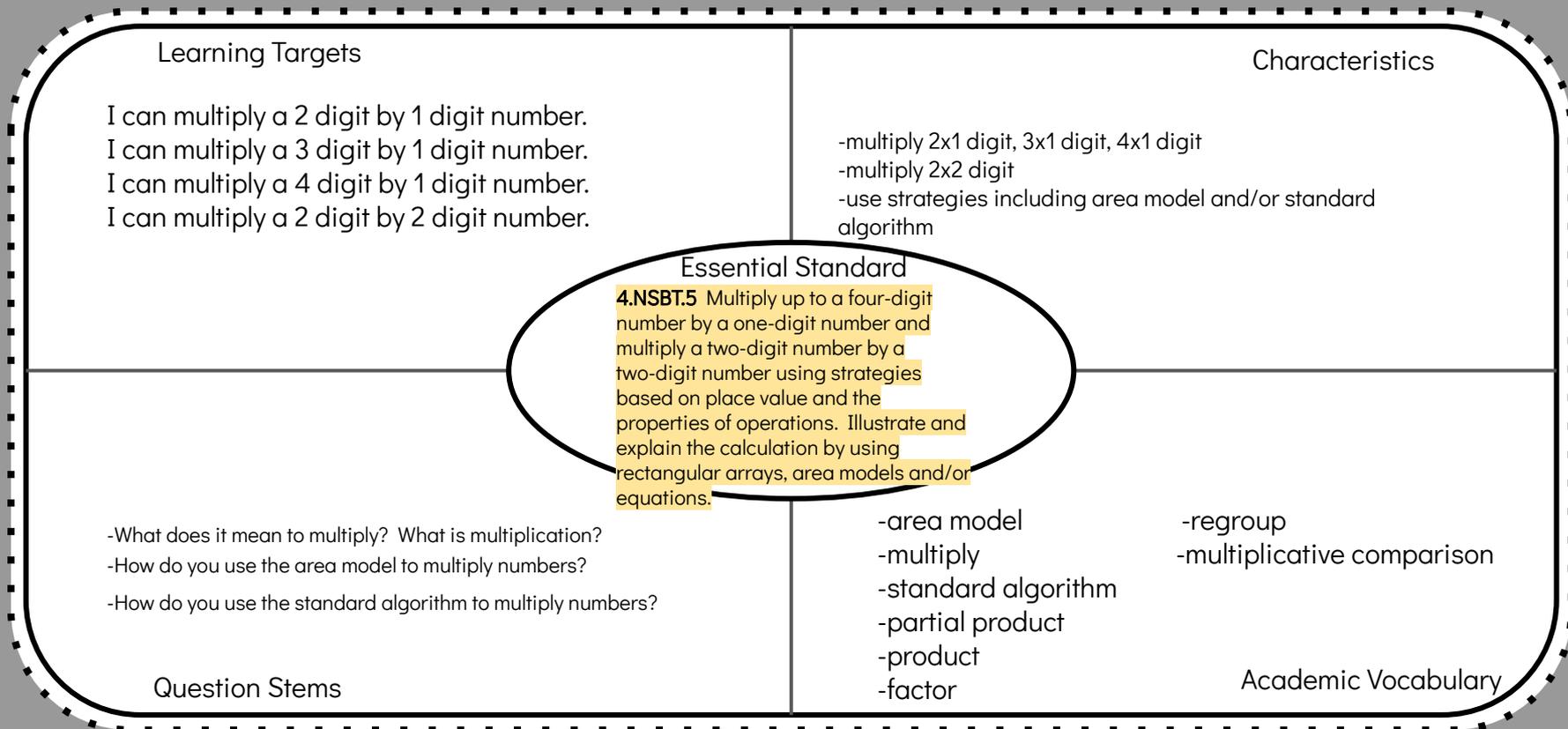
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Learning Targets

I can divide a 2 digit dividend by 1 digit divisor.
I can divide a 3 digit dividend by 1 digit divisor.
I can divide a 4 digit dividend by 1 digit divisor.

Characteristics

-Use strategies including partial quotients, standard algorithm, repeated subtraction to solve division problems.
-Divide up to a four digit dividend by a 1 digit divisor

Essential Standard

4.NSBT.6 Divide up to a four-digit dividend by a one-digit divisor using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division.

-How are multiplication and division related?
-What does it mean to divide (separate into equal groups? What is division?
-How do you use the partial quotient strategy to divide numbers?
-How do you use the standard algorithm to divide numbers?
-How do you use multiplication to check division?

Question Stems

-dividend
-divisor
-quotient
-partial quotient
-remainder

-inverse
-division
-standard algorithm
-partition
-divide

Academic Vocabulary

Deconstructing an Essential Standard

Getting crystal clear on what students need to know!

Learning Targets

I can divide a 2 digit dividend by 1 digit divisor.
I can divide a 3 digit dividend by 1 digit divisor.
I can divide a 4 digit dividend by 1 digit divisor.

Characteristics

-Use strategies including partial quotients, standard algorithm, repeated subtraction to solve division problems.
-Divide up to a four digit dividend by a 1 digit divisor

Essential Standard

4.NSBT.6 Divide up to a four-digit dividend by a one-digit divisor using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division.

-How are multiplication and division related?
-What does it mean to divide (separate into equal groups? What is division?
-How do you use the partial quotient strategy to divide numbers?
-How do you use the standard algorithm to divide numbers?
-How do you use multiplication to check division?

Question Stems

-dividend
-divisor
-quotient
-partial quotient
-remainder

-inverse
-division
-standard algorithm
-partition
-divide

Academic Vocabulary

-near facts
-equal groups