

# Mathematics CFA Template

## Pre-Instruction

1. List the Standard. Underline the nouns (what students will know) and highlight the verbs (what student will do):

2. NBT.3- *Read and write numbers to 1,000 using base ten numerals, number names and expanded form.*

### 2. Mathematical Practices

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularly in repeated reasoning.

### 3. I Can Statements – Put learning targets in student friendly terms.

1. I can read and write numbers to 1,000 using base ten numerals.
2. I can read and write numbers to 1,000 using number names.
3. I can read and write numbers to 1,000 using expanded form.

### Depth of Knowledge of the standard (Highlight the Level of the Learning Target):

**Level 1 Recall; Level 2 – Skill/Concept; Level 3 – Strategic Thinking; Level 4 – Extended Thinking**

4. List the skills students need to know in order to begin this standard:

1. Students need to know place value.
2. Students must be familiar with base ten blocks, number names, and expanded form.
3. Students must be able to read and write numbers to 1,000.
4. Vocabulary- expanded form, number name, numeral, and number

5. What type of assessment am I going to write? [selected response (m/c, t/f, y/n, matching, fill in \_\_\_) **or** constructed response (**short:** word, phrase, sentence, single problem; **extended:** multi-step operations in math, problem solving)] List the assessment questions.

1. six hundred forty-two= \_\_\_\_\_
2. 642= \_\_\_\_\_ word form \_\_\_\_\_ expanded form
3. Draw a base ten model for the number 642.
6. Scoring Guide

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**Exceeds Expectations:** Students answer 3 out of 3 correctly and provides additional evidence / represents in various ways.

**Proficient:** Students answer 3 out of 3 correctly.

**Approaching Proficiency:** Students answers 3 out of 4 correctly.

**Not Proficient:** Student answers less than 3 correctly.

Name: \_\_\_\_\_

### 2.NBT.3 Constructed Response

1. Write the following word number into numerical form:

six hundred forty-two= \_\_\_\_\_

2. Write 642 in word form \_\_\_\_\_

Write 642 in expanded form \_\_\_\_\_

3. Draw a base ten model for the number 642.

Name: \_\_\_\_\_

### 2.NBT.3 Constructed Response

1. Write the following word number into numerical form:

six hundred forty-two= \_\_\_\_\_

2. Write 642 in word form \_\_\_\_\_

Write 642 in expanded form \_\_\_\_\_

3. Draw a base ten model for the number 642.

