

Mathematics CFA Template

Pre-Instruction

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

K.CC.3- **Write** numbers from 0 to 20. **Represent** a number of objects with a written numeral 0 to 20 (with 0 representing a count of no objects)

2. Mathematical Practices

1. Make sense of the problem and persevere.
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 regularity in repeated reasoning.

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

I can write the numbers 0 to 20. (Level 1)

I can show a number of objects to match a written numeral. (Level 2)

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:

N/A

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. Writing Numbers

Constructed Response (1st Nine Weeks): Starting with 0, write the numbers 0 to 10 on your piece of paper.

(2nd Weeks- 4th Nine Weeks): Starting with 0, write the numbers 0 to 20 on your piece of paper.

2. Number of Objects with Written Numeral

Constructed Response (1st Nine Weeks): Using a manipulative, show this number of objects (teacher will use all numbers 0-10)

(2nd Nine Weeks- 4th Nine Weeks): Using a manipulative, show this number of objects (teacher will use all numbers 0-20)

6. Scoring Guide

*writing the number correctly

Exceeds Expectations: Writes/Represents Beyond 20

Proficient: Writes numbers 0-20 /Represents 0-20

Approaching Proficiency: Writes numbers 0-10/Represents numbers 0-10

Not Proficient: Writes 5 numbers or less/Represents 5 numbers or less

