

Mathematics CFA Template

Pre-Instruction

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

1. NBT.1 **Count** to 120, starting at any number less than 120. In this range, **read** and **write** numerals and **represent** a number of objects with a written numeral.

2. Mathematical Practices

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

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

I can start at any number and can count up to 120. **Level 2**

I can read and write numbers up to 120. **Level 1**

I can show the value of a number using objects. **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:

1. Understand number values
2. Know numbers to 120
3. Understand number patterns

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. Use base ten blocks to show numbers to 120 and write the numbers, for example (12, 36, & 114).
2. Using a random set of numbers, beginning with an unknown, the students will identify five numbers in their proper sequence. (5 problems)
3. Students will verbally identify numbers to 120, using number cards, two per child, one below 50 and one above 50.

6. Scoring Guide

Exceeds Expectations: Answers all 10 correctly and exceeds 120 in verbal and written form.

Proficient: Answers all 10 correctly and shows work correctly.

Approaching Proficiency: Eight out of 10 answers correct and shows work correctly.

Not Proficient: Lower than 80% and no work shown.

Name: _____

Power Standard: 1.NBT.1

Use base ten blocks to show numbers to 120 and write the numbers.

Numeral	Draw Base Ten Model	Expanded Form

Name: _____

Skill: 1.NBT.1

Directions: Write the next five numbers in the number sequence counting by 1's.

8, _____, _____, _____, _____, _____

36, _____, _____, _____, _____, _____

23, _____, _____, _____, _____, _____

77, _____, _____, _____, _____, _____

98, _____, _____, _____, _____, _____

