Standard to Proficiency Template

Standard: 5.NBT.B.7a **Add** and **Subtract** decimals through hundredths **using** concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.		
Content (Nouns) **What students need to know**	**Skills (Verbs)** **What students need to be able to do**	**DOK**
- A tenth is 1/10 of a whole and a hundredth is 1/100 of a whole or 1/10 of a tenth Pre-Req: - Basic math facts (Addition and Subtraction) - Relationship between addition and subtraction - Commutative and Distributive Properties - Understanding of Place Value - Unit form	- Decompose and Compose Addition - Use place-value disks to model decimal addition through the hundredths place - Use the pictorial representation to model decimal addition through the hundredths place - Chip model - Solve a decimal addition problem through the hundredths using the standard algorithm Subtraction - Use place-value disks to model decimal subtraction through the hundredths place - Use the pictorial representation to model decimal subtraction through the hundredths place - Chip model - Solve a decimal subtraction problem through the hundredths using the standard algorithm - Explain thinking at each level	**1-3**

Student Learning Targets
1. I can add decimals through hundredths and explain my thinking using
   - Pictorial representation with the chip model
   - Standard algorithm
2. I can subtract decimals through hundredths and explain my thinking using
   - Pictorial representation with the chip model
   - Standard algorithm

How might a student demonstrate advanced or extended mastery of the standard?
Add and subtract decimals through thousandths and be able to solve real-world tasks involving adding and subtracting decimals.

Standard (learning progression ends here with mastery of this standard)**:**
==Add== and ==subtract== decimals to hundredths ==using== concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.

4	Add and subtract decimals through thousandths using chip models, area models, and standard algorithms and explain their thinking. OR Solve real-world tasks involving adding and subtracting decimals.
3	Add and subtract decimals through hundredths using chip models and standard algorithms and explain their thinking.
2	Add OR subtract decimals through hundredths using chip models and standard algorithms. OR Add AND subtract decimals through hundredths using only models.
1	Add or subtract decimals through hundredths using only models.