

# 4.1 Stages of Expertise

Consider a learning goal of a lesson you're using this week. What might each stage of expertise look like?

Fuel Sense Making

Addition/Subtraction up to 100,000

Grade 4

"I know that there are strategies I can use to solve this problem like decomposing, number line, or even cubes or base 10 blocks. I'm not sure what to do when I can take away a bigger number from a smaller number."  
-Student knows that there are strategies they can use but are unsure where to start with using them.

**Consciously Incompetent**

CONSCIOUSNESS

2

**Consciously Competent**

3

"I know a number line helped me with subtracting smaller numbers so I can use it to do larger numbers. I can make bigger jumps to solve the problem."  
-Student uses strategy that they know worked for them before to solve.

5

**Consciously Masterful**

Student can use multiple strategies to solve addition/subtraction up to 100,000

**Unconsciously Incompetent**

1

COMPETENCE

4

**Unconsciously Competent**

"I know I need to decompose or stack the numbers to start to solve this problem."  
-Student may be missing understanding of subtraction and try to subtract a bigger number from a smaller number, may struggle to decompose

"I know I can use standard algorithm to solve this problem."

