Fuel Sense Making

5

Stages of Expertise What are fractions?

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

I know a fraction is a number that does not belong with whole numbers. I don't know what it means.

Consciously Competent

3

I know a fraction shows parts over whole. If the top number is bigger I can divide to get a whole number and a part. If the top number is smaller I don't have a whole number. I can divide, using my calculator to get a decimal, and my teacher likes that but I am not

sure what it means.... except when I get .25 or .50 then I think of it as less than a dollar.

Consciously Masterful

I know that 1/3 of hour is 20 minutes and 1/3 of a cup is 8oz divided by 3. I know that 1/3 = 33%

incompetent Sansonous No.

Consciously

Unconsciously Incompetent

A fraction is a scary number. I just don't like them, but I write them down because I was told it is okay to have a fraction.

COMPETENCE

Unconsciously Competent

I see a fraction and I know to divide it to get a percentage or different ways to express part of the whole. I can write it as a mixed number if appropriate and I can show use multiples to show common fractions

@mathletepearce .

Making Math Moments That Matter



@MrOrr_Geek

that MATTER