



I am a 3<sup>rd</sup>-5<sup>th</sup> grade classroom teacher

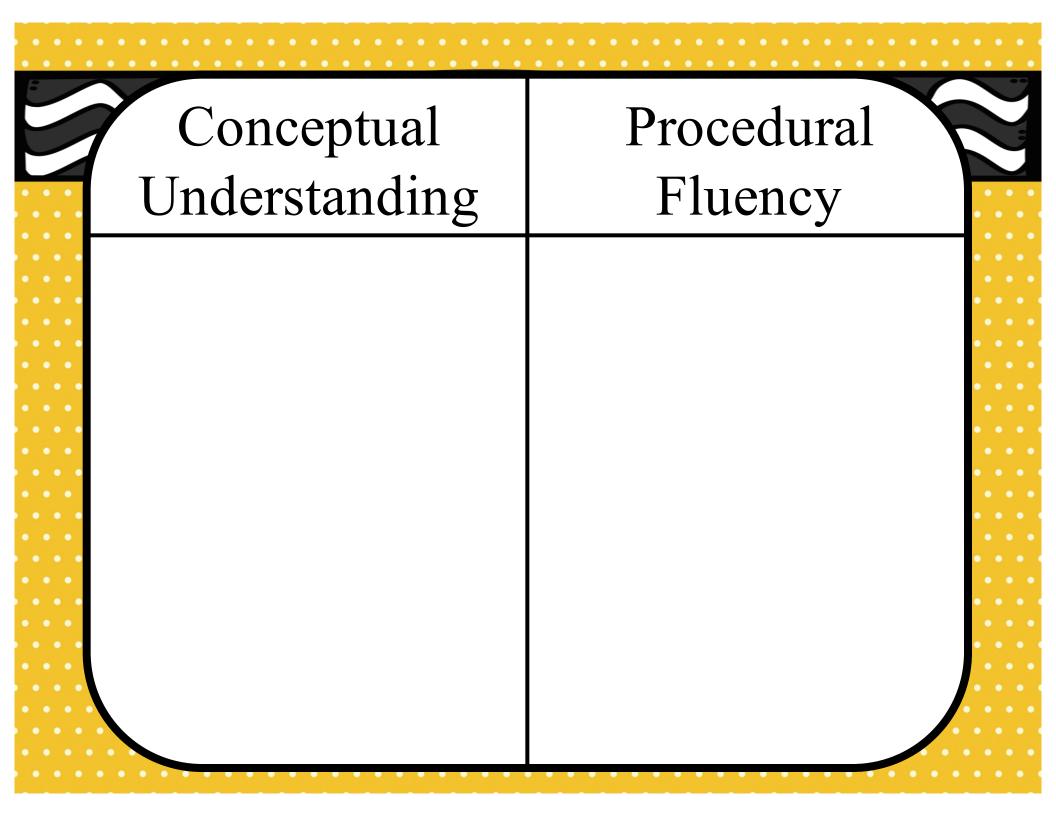
I am a supporter of math teachers

I have experience with Number Talks

I have experience with 3-Act Tasks

I use number sense routines regularly

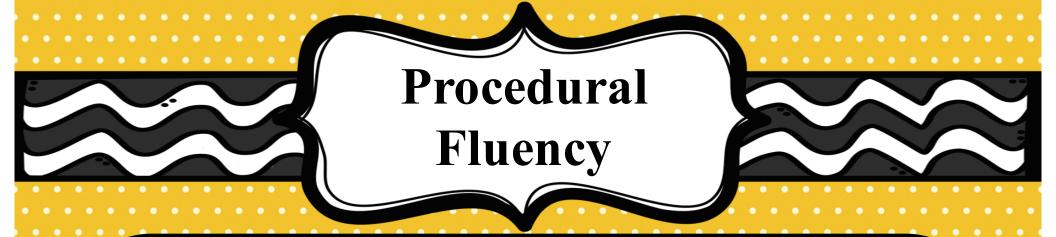
I am trained in CGI and/or ECM



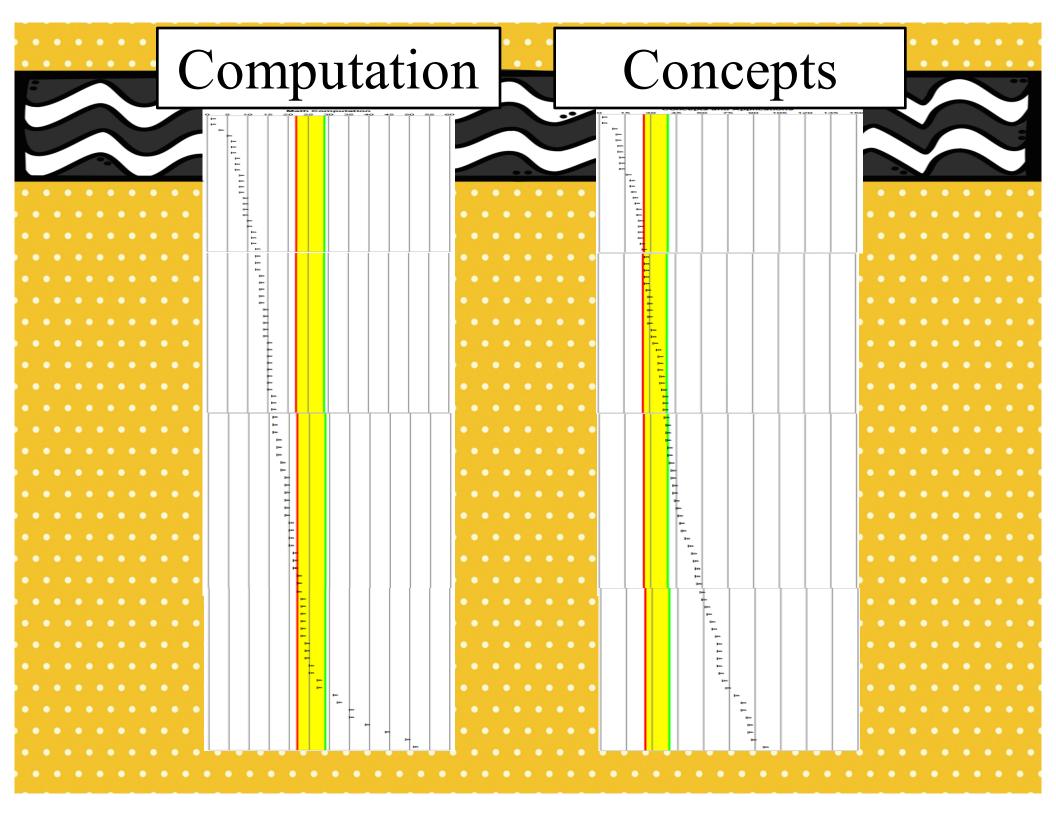


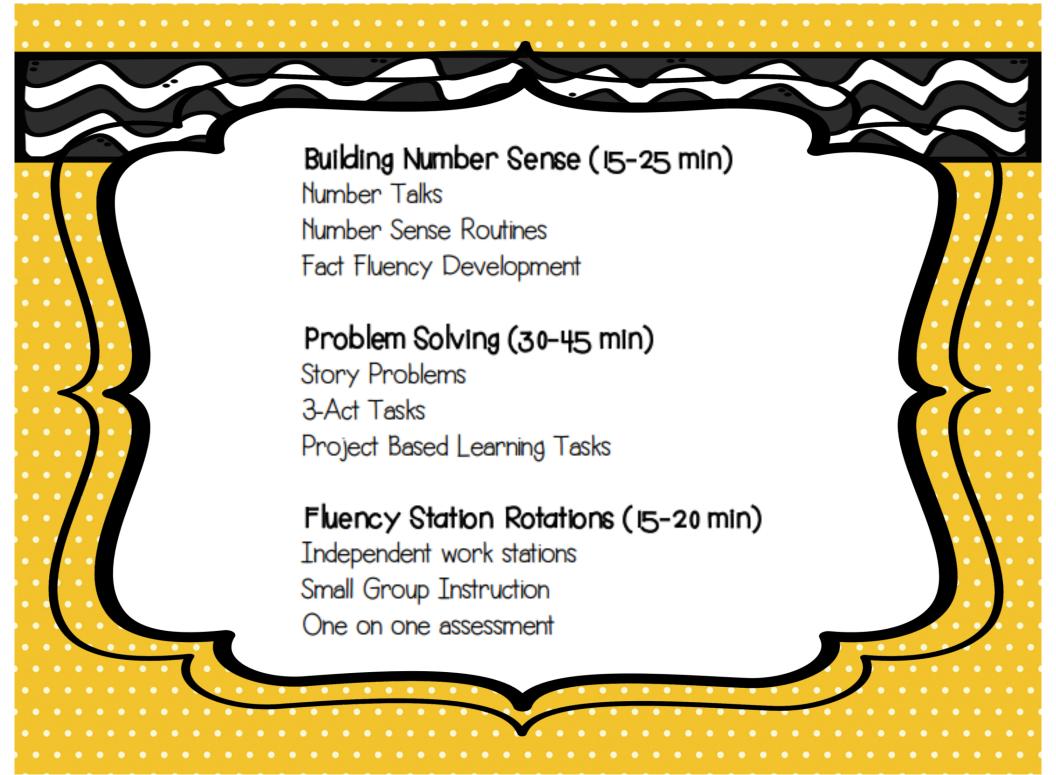
Read "What is Conceptual Understanding"

The parts marked by the red lines on pgs 1-2



Procedural fluency is a critical component of mathematical proficiency. Procedural fluency is the ability to apply procedures accurately, efficiently, and flexibly; to transfer procedures to different problems and contexts; to build or modify procedures from other procedures; and to recognize when one strategy or procedure is more appropriate to apply than another. To develop procedural fluency, students need experience in integrating concepts and procedures and building on familiar procedures as they create their own informal strategies and procedures. Students need opportunities to justify both informal strategies and commonly used procedures mathematically, to support and justify their choices of appropriate procedures, and to strengthen their understanding and skill through distributed practice.





## Conceptual Understanding

Procedural Fluency

Number Talks

Math Mystery

Count Around the Circle

How Many Tenths

**Multiplication Strategy Cards** 

Fact Fluency Sheets
Kakooma

3-Act Tasks

Find a Connection

