Breaking Down a Mathematics Standard

KAS: KY. 7.EE.4

What is the domain/co	enceptual category/big idea? EXPYESSIONS ! Equations
Standards for Mathematical Practice	
MP.1. Make sense of problems and persevere in solving them. MP.2. Reason abstractly and quantitatively. MP.3. Construct viable arguments and critique the reasoning of others. MP.4. Model with mathematics.	MP.5. Use appropriate tools strategically. MP.6. Attend to precision. MP.7. Look for and make use of structure. MP.8. Look for and express regularity in repeated reasoning.
Cluster: What is the broader understanding that the standard plays a role in building? Solving real-life mathematical problems using	
Standards	Clarifications
o conceptual understanding o procedural skill/fluency o application Consider how the target of the standard will have an impact on instruction and assessment. (For more information, refer to p. 7, 10 and 15 of KAS for Mathematics.) Application relevant meaningful opportunities to problem solve. Students leaves. select an efficient method determine whether a solution makes sense develop critical thinking skills What key mathematics should students know and be able to do? define variables construct and rumbers!	 What are the specific representations/strategies that will need to be considered when planning instruction? — Word problems which value recurring event arounders which includes the solution set on a number line representational numbers. Look at KY.T.EE.3 — What are the possible misconceptions that will need to be addressed during instruction? From the Atlending to the SMRs. — Shudents may be able to reason a solution to a real-life problem but struggle with the modeling component Estudents may understand that not the variable coherence: Previous Grade → Current Standard → Upcoming Grade How does this standard build off of prior learning? — Who does this standard support future learning? — Solving equations where students need to combine like terms or use distributive property — How does this standard connect to other standards (or even other clusters or domains)? — Who does this standard connect to other standards (or even other clusters or domains)? — Who does this standard connect to other standards (or even other clusters or domains)? — The from Grade level Werniew
Attending to the Standards for Mathematical Practice	
How are students engaging in the mathematical practices as they learn this content? (For more information, refer to p. 12-15 of KAS for Mathematics.) MP6 > defining variables assessing the reasonableness of the solution MP2 > students contextualize decontextualize	
MP4 - students apoly the math they know to solve	problems interpret their results in the context of the situation.