

TOPIC

Major Cluster

What is the content focus?
How are the big ideas connected?

Topic Opener

- Essential Question

- Review What You Know
- My Word Cards

LESSON

Standards

Objective

MP 1 2 3 4 5 6 7 8

Vocabulary

Materials and Digital Resources

Anticipate student solutions based on
your work on the *Solve & Share*
problem.

TOPIC

LESSON

1

PROBLEM-BASED LEARNING

Guiding Questions

Implementation Notes

Before

What is the focus of the activity and how will you show or state the purpose of the lesson?

How are you going to introduce the concept to your students?

How will you highlight the vocabulary?

What cues or questions will help students make connections to prior knowledge and real-world application?

How will you pose the *Solve and Share* problem?

During

Will students work in partners or small groups?

What questions will you ask during the activity to monitor “real-time” work on the problem?

How will you select approaches and students to share them?

After

Which student strategies are most useful in addressing the math to be learned?

How will you connect students’ approaches to each other and to the underlying mathematics?

How will you reinforce mathematical precision?

How will you make the math explicit and transition to Step 2?

MATH ANYTIME—Choose one.

- ☐ Daily Common Core Review
☐ Today’s Challenge

When will you use either the Daily Common Core Review or Today’s Challenge?

How will you implement this activity to provide maximum engagement and opportunities for reinforcement?

Will students do all the problems or some of the problems? If some, which ones?

How and when will you incorporate corrective teaching?

2

VISUAL LEARNING

	Guiding Questions	Implementation Notes
Animation or Bridge	<p>How will you transition to the <i>Visual Learning Animation Plus</i> or the <i>Visual Learning Bridge</i>?</p> <p>How will you make the connections to the <i>Solve and Share</i> experience explicit?</p> <p>What are some common misconceptions and how will you address them?</p>	
Guided Practice	<p>How will you use the <i>Do You Understand? Show Me!</i> (K-2) or the <i>Convince Me!</i> (Grades 3-6) hinge questions?</p> <p>How will you use the <i>Guided Practice</i> to determine who is ready to move into <i>Independent Practice</i>?</p> <p>What is your plan for students who struggle with the content during the Guided Practice?</p>	
Independent Practice	<p>Which problems in the <i>Independent Practice</i> will students be asked to complete?</p> <p>Will students need help reading and understanding what to do with the <i>Math Practices and Problem Solving</i>? If so, what accommodations will you make?</p> <p>Will you work with a small group of students during this time? If so, what will be the focus of your small-group instruction?</p> <p>Will you use the three questions marked by the pink checks or the online <i>Quick Check</i>?</p>	

3

ASSESS and DIFFERENTIATE

	Guiding Questions	Implementation Notes
Close and Intervene	<p>How will you present the Essential Understanding to students in a way that they can remember?</p> <p>How will you support students who still struggle with the concept?</p> <p>Will all students that struggle do the <i>Intervention Activity</i>?</p>	
Centers	<p>How will you determine which students will work with the Activity and/or Technology Centers?</p> <p> <input type="checkbox"/> Center Games <input type="checkbox"/> Online Games <input type="checkbox"/> Problem Solving and Reading Activity <input type="checkbox"/> Digital Math Tools Activity <input type="checkbox"/> Math and Science Activity </p>	
HW	Will you use the Leveled Assignments? For grades 3-6, will you assign Practice Buddy?	