

Three Reads Instructional Routine Planner

Problem or Problem Stem

Read "Like a Mathematician" Three Times Yourself

Read once: This problem is about...

Read second time: I am trying to find out...

Read third time: Important information is...

Anticipate *Student* Responses to each of the Three-Reads Questions

This problem is about...

I am trying to find out...

Important information is...

Consider the Language Complexity of the Problem


Are students familiar with context? If not, how will you familiarize (e.g. picture, realia, video...)
Are there words that need to be defined and/or recorded?

Launch	
<p style="text-align: center;">Lesson Goal</p> <p style="text-align: center;">Learn to "read like a mathematician". Pay attention to quantities and relationships in a problem statement.</p>	<p>3-Reads Goal:</p> <p><i>What do you want students to know about reading "like a mathematician"?</i></p>
<p style="text-align: center;">Read the Problem 3 Times</p> <p> 1st Read What is the problem about?</p> <p> 2nd Read What is the question?</p> <p> 3rd Read What is the important Information?</p>	
First Read	
<p style="text-align: center;">1st Read</p> <div style="text-align: center;">   </div>	<p>Individual Think Time → Full Group Share</p> <p><i>What, if anything, will you record?</i></p>
Second Read	
<p style="text-align: center;">2nd Read</p> <div style="text-align: center;">   </div>	<p>Individual Think Time → Pair → Full Group Share</p> <p><i>What question variations will your record?</i></p>
<p style="text-align: center;">What's the Question?</p> <p style="text-align: center;">State the question in your own words.</p> <p style="text-align: center;">What quantity am I trying to find?</p> <p>INSERT TASK HERE</p>	

THIRD READ

Pair → Full Group Share

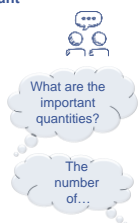
3rd Read



*What quantities do you want recorded?
What relationships do you want recorded?*

What's the important information?

INSERT TASK HERE



NOTES AND POST ROUTINE STEPS

NEXT STEPS: What will students do after the *3-Reads*?

- Reflect on "Reading like a mathematician"?
- Create a visual or picture of the problem context?
- Solve the problem?
- Pose and solve their own questions about the problem stem?
- Other