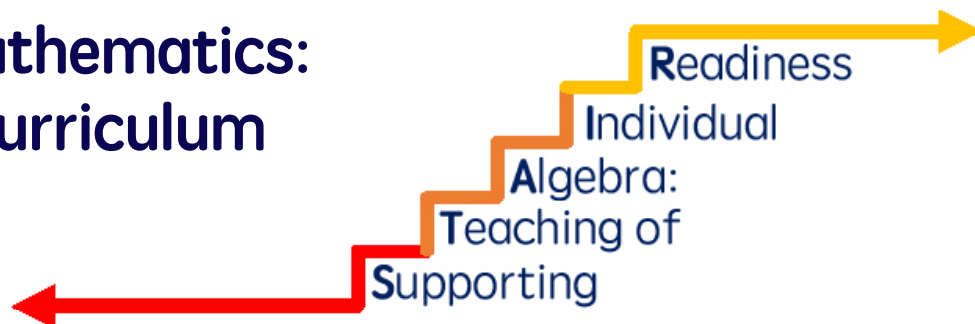


Resources in Mathematics: Adjusting the Curriculum



Stay focused on the lesson objective!

Refer back to the objective with every decision to ensure you are staying on target.

STRATEGY	EXAMPLE										
<p>REARRANGE LESSON COMPONENTS <i>consider starting with a story problem from the end of the lesson to help student connect conceptually before introducing procedures</i></p>	<p>In 30 more minutes, the International Space Station will complete an orbit. It has been in this orbit for 1 hour. How many minutes does it take the International Space Station to complete 1 orbit?</p> <p>(Envisions, Grade 3)</p>										
<p>DIFFERENTIATE WHILE MAINTAINING THE COGNITIVE DEMAND AND MATHEMATICAL GOALS OF THE LESSON <i>adjust numbers in the task or provide number choices</i></p>	<p>José's class baked _____ cookies for the school bake sale. Students put _____ cookies in each bag. How many bags did they make?</p> <p>A. (24, 4) B. (64, 4) C. (180, 6) D. (276, 6) E. (191, 5)</p> <p>(Drake et al., 2015)</p>										
<p>MAKE AUTHENTIC CONNECTIONS <i>change the context of the story problem to connect meaningfully to students' lives</i></p>	<p>Grandma is visiting from Mexico. She'd like you to do her shopping. She has given you \$40 (\$70). Is this enough? Explain your reasoning in at least 2 ways. Here is Grandma's shopping list for the Mexican Grocery Store.</p> <table border="1" data-bbox="992 1745 1317 1881"> <thead> <tr> <th colspan="2">La lista de abuela #1:</th> </tr> </thead> <tbody> <tr> <td>chiles chipotles - 3</td> <td>\$3.00/can</td> </tr> <tr> <td>enchilada sauce - 2</td> <td>\$3.00/can</td> </tr> <tr> <td>pinto beans - 2</td> <td>\$1.25/small can</td> </tr> <tr> <td>pinto beans - 5</td> <td>\$3.00/large can</td> </tr> </tbody> </table> <p>(Aguirre, 2015, NCTM)</p>	La lista de abuela #1:		chiles chipotles - 3	\$3.00/can	enchilada sauce - 2	\$3.00/can	pinto beans - 2	\$1.25/small can	pinto beans - 5	\$3.00/large can
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