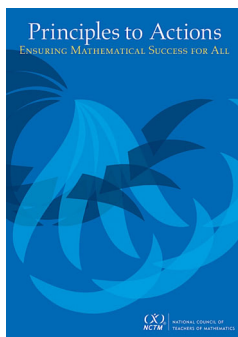


## Support Mathematics Goals to Focus Learning: Teacher and Student Actions

What are teachers doing?	What are students doing?
<ul style="list-style-type: none"> <li>Establishing clear goals that articulate the mathematics that students are learning as a result of instruction in a lesson, over a series of lessons, or throughout a unit.</li> <li>Identifying how the goals fit within a mathematics learning progression.</li> <li>Discussing and referring to the mathematical purpose and goal of a lesson during instruction to ensure that students understand how the current work contributes to their learning.</li> <li>Using the mathematics goals to guide lesson planning and reflection and to make in-the-moment decisions during instruction.</li> </ul>	<ul style="list-style-type: none"> <li>Engaging in discussions of the mathematical purpose and goals related to their current work in the mathematics classroom (e.g., What are we learning? Why are we learning it?)</li> <li>Using the learning goals to stay focused on their progress in improving their understanding of mathematics content and proficiency in using mathematical practices.</li> <li>Connecting their current work with the mathematics that they studied previously and seeing where the mathematics is going.</li> <li>Assessing and monitoring their own understanding and progress toward the mathematics learning goals.</li> </ul>



National Council of Teachers of Mathematics. (2014). *Principles to actions: Ensuring mathematical success for all*. Reston, VA: Author.

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