

The following table identifies evidence of this vision in action:

What Students are doing:	What Teachers are doing:	What Leaders are doing:
<p>Students are engaging with mathematics through the Standards for Mathematical Practice, which looks like:</p>	<p>Teachers are engaging students with the Standards for Mathematical Practice through the Mathematics Teaching Practices, which looks like:</p>	<p>Leaders are engaging and providing space for teachers to engage with the Standards for Mathematical Practice through the Mathematics Teaching Practices, which looks like:</p>
<ul style="list-style-type: none"> ■ Opportunities to engage with mathematics in an asset-based manner where all students are seen as mathematically competent. ■ Actively engaging in solving context-rich and cognitively deep problems that are aligned with the appropriate grade level Utah Core Standards. ■ Regularly engaging in student-led mathematical discourse about thinking and reasoning. ■ Exploring and grappling with mathematical ideas before conjecturing about them. 	<ul style="list-style-type: none"> ■ Believing in asset-based ways for students to engage with mathematics by allowing all learners to be seen as mathematically competent. ■ Regularly communicating that everyone can achieve mathematical success. ■ Clearly communicating learning intentions and success criteria with learners. ■ Carefully selecting rich tasks that support mathematical reasoning, sense making, and problem solving and are aligned with the appropriate grade level Utah Core Standards. ■ Crafting and asking targeted questions that help students focus on key mathematical understandings. ■ Facilitating student-led mathematical discourse. ■ Regularly collecting and using formal and informal evidence to assess student learning and adjusting instruction as necessary to personalize the learning experience for learners. 	<ul style="list-style-type: none"> ■ Believing in and communicating asset-based ways for teachers to engage students and allowing all learners to be seen as mathematically competent. ■ Regularly communicating that everyone can achieve mathematical success. ■ Providing time and space for mathematics teachers to engage in collaboration. ■ Organizing resources around a shared, evidence-informed vision of student mathematical competency. ■ Providing time and space for mathematics educators to engage in collaborative goal-setting. ■ Implementing and monitor strategies that support local mathematics goals, resulting in student and teacher growth. 

References

National Council of Teachers of Mathematics. (2014). *Principles to Actions: Ensuring Mathematical Success For All*. National Council of Teachers of Mathematics.