

<b>Implement tasks that promote reasoning and problem solving</b> <b>Teacher and student actions</b>	
<b>What are <i>teachers</i> doing?</b>	<b>What are <i>students</i> doing?</b>
<p>Motivating students' learning of mathematics through opportunities for exploring and solving problems that build on and extend their current mathematical understanding.</p> <p>Selecting tasks that provide multiple entry points through the use of varied tools and representations.</p> <p>Posing tasks on a regular basis that require a high level of cognitive demand.</p> <p>Supporting students in exploring tasks without taking over student thinking.</p> <p>Encouraging students to use varied approaches and strategies to make sense of and solve tasks.</p>	<p>Persevering in exploring and reasoning through tasks.</p> <p>Taking responsibility for making sense of tasks by drawing on and making connections with their prior understanding and ideas.</p> <p>Using tools and representations as needed to support their thinking and problem solving.</p> <p>Accepting and expecting that their classmates will use a variety of solution approaches and that they will discuss and justify their strategies to one another.</p>