

# Mathematical Practices Rubric

Overarching Concepts	Working Towards	Working At	Working Beyond
<b>Tools</b> <ul style="list-style-type: none"> <li>Students can efficiently use a tool to aid in the explanation of their mathematical thinking.</li> </ul>	Ideas of an appropriate tool was given in order to aid in showing their mathematical thinking efficiently.	An appropriate tool was chosen to show mastery of their mathematical thinking.	An appropriate tool was chose to show mastery or their mathematical thinking and shared with others to gather feedback to further their ideas.
<b>Accuracy</b> <ul style="list-style-type: none"> <li>Students can use an accurate strategy to find the volume of a complex figure.</li> </ul>	Students need support to use an accurate strategy and reminders on the process of using the strategy to find the volume of a complex figure.	Students independently use an accurate strategy to find the volume of a complex figure.	Students independently use an accurate strategy to find the volume of a complex figure and use this strategy to build real world structures or apply it to more abstract problems.
<b>Justifying</b> <ul style="list-style-type: none"> <li>Students can explain their mathematical process using academic vocabulary (cubic units, dimensions, etc.) sequentially.</li> </ul>	Students explain their mathematical process giving basic details of their problem solving steps.	Students can explain their mathematical process using academic vocabulary (cubic units, dimensions, etc.) sequentially while also making connections to ideas when building on their thinking.	Students can explain their mathematical process using academic vocabulary (cubic units, dimensions, etc.) sequentially while also making connections to ideas when building on their thinking. Taking time to Acknowledge and confront their misconceptions with the strategy too.