

Unpacking of Science Practices

<p>1. Describe the practice and its components.</p> <p>Questions to think about:</p> <ul style="list-style-type: none"> • <i>What is a clear grade-appropriate definition of the SEP?</i> • <i>What are the essential components of this practice that students are to perform?</i> • <i>What possible integration might there be with other practices?</i> 	<p>Science Practice</p> <p>Components of the Practice</p> <p>Integration with other Practices</p>
<p>2. List the knowledge and skills needed by students to successfully perform the practice.</p> <p>Question to think about:</p> <ul style="list-style-type: none"> • <i>What knowledge and capabilities do students need to use in order to show that they can perform the practice?</i> 	<p>Knowledge and Skills for Performing the Practice</p>
<p>3. Identify the evidence that you would expect to see for each component of the practice.</p> <p>Questions to think about:</p> <ul style="list-style-type: none"> • <i>What is a high level of performance that you would expect to see for each component?</i> • <i>What are the different levels of performance for each component?</i> 	<p>Evidence for each Component of the Practice</p>
<p>4. Describe Student Strengths and Challenges.</p> <p>Questions to think about:</p> <ul style="list-style-type: none"> • <i>What everyday ways of knowing and doing relate to this practice?</i> • <i>What common challenges might students encounter as they are developing sophistication in their use of the practice?</i> 	<p>Description of Student Strengths and Challenges</p>

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