

Teaching Science as Inquiry  
LEARNING RESULTS PORTFOLIO  
Template

NOTE TO TEACHERS: This is an optional template for you to use as you compile your Learning Results Portfolio (LRP). If you choose to use this template, **please keep in mind that you must attach each of the caption pages in this template to its corresponding LRP document.** The main purpose of this template is to help you put together your captions for each portfolio requirement. Using this template is optional, however, providing captions with every document turned in is not optional.

Proceed to the next page.

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Name:

Date:

<b>Requirement #1 for Learning Results Portfolio:</b>	<b>Caption (for both pre- and post-assessments):</b>
1. Copies of Self-Assessments completed:	<i>What is it?</i>
a. Pre-assessment	
b. Post-assessment	
	<i>Why is it evidence?</i>
	<i>What is it evidence of?</i>

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<b>Requirement #2 for Learning Results Portfolio:</b>	<b>Caption (for Reflective Journal):</b>
2. Reflective Journal kept during Implementation phase, including a final section analyzing the self-assessments mentioned above, specifically addressing professional growth that will be able to lead school initiatives.	<p><i>What is it?</i></p> <p><i>Why is it evidence?</i></p> <p><i>What is it evidence of?</i></p>

## Outline of the Reflection

- My personal professional development goals
  - Briefly introduce your background (e.g. what grade and content area am I teaching?)
  - State your personal professional development goals
  - Address your personal growth in teaching
  - How TSI workshops helped with your growth by using specific examples
  - Address how this growth benefited your students' learning
  
- My school's professional development goals
  - State your school's goals that related to what you've learned from the TSI workshops
  - How did TSI workshops equipped you to help achieve your school's goals

Example (from a 7<sup>th</sup> grade mathematics teacher)

### ***I. How the TSI workshop met my personal professional development goals***

***[Self background + my growth]*** I am a math teacher who can now better see the connection between science and math!

***[How did TSI workshops help with my growth]*** This TSI workshop has enabled me to use aquatic science to enrich my teaching of mathematics.

***[Specific example]*** It was really eye opening to work with a colleague (who is also attending the TSI modules) on presenting and holding these Aquatic labs in an inter-disciplinary way, in the same classroom. I believe the students are also better able to see the connection between math and science.

***[My goal]*** My original intention in taking this TSI course was to further my understanding of the math behind the science discipline.

### ***II. How the TSI workshop met my school's professional development goals***

***[My school's goal]*** My school is advocating cross-curriculum instructions. My principal has organized Benchmark PLC (Professional Learning Communities) whereby various subject teachers are grouped together to help my school's math and English teachers succeed on the Hawaii Standards Assessment.

***[Impact on students' learning]*** By learning how Math and Science can be incorporated, I am better able to help my students see how inter-disciplinary the subjects are. I also saw first-hand, how inquiry can also be applied to the math classroom. By helping my students to ask questions about the math learning, and constructing their own knowledge, I am sure that they will retain more of the learning. Moreover, using inquiry has helped me to be a better teachers as I can know see the phases and modes of learning and inquiry!

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<b>Requirement #3 for Learning Results Portfolio:</b>	<b>Caption (for Lesson Plan #1):</b>
3. Copy of three lessons from the unit implemented which demonstrates scientific inquiry that addresses specific grade level benchmarks for Scientific Inquiry.	<p style="text-align: center;"><i>What is it?</i></p>  <p style="text-align: center;"><i>Why is it evidence?</i></p>  <p style="text-align: center;"><i>What is it evidence of?</i></p>
<b>Lesson Plan #1</b>	

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<b>Requirement #3 for Learning Results Portfolio:</b>	<b>Caption (for Lesson Plan #2):</b>
3. Copy of three lessons from the unit implemented which demonstrates scientific inquiry that addresses specific grade level benchmarks for Scientific Inquiry.	<p><i>What is it?</i></p> <p><i>Why is it evidence?</i></p> <p><i>What is it evidence of?</i></p>
<b>Lesson Plan #2</b>	

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Name:

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<b>Requirement #3 for Learning Results Portfolio:</b>	<b>Caption (for Lesson Plan #3):</b>
3. Copy of three lessons from the unit implemented which demonstrates scientific inquiry that addresses specific grade level benchmarks for Scientific Inquiry.	<p style="text-align: center;"><i>What is it?</i></p>  <p style="text-align: center;"><i>Why is it evidence?</i></p>  <p style="text-align: center;"><i>What is it evidence of?</i></p>
<b>Lesson Plan and Reflection #3</b>	



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Name:

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<b>Requirement #4 for Learning Results Portfolio:</b>	<b>Caption (for Student Sample #1):</b>
4. Copies of six student work samples that demonstrate students engaging in scientific inquiry. Accompanying photos, video, and assessment of the samples encouraged.	<p><i>What is it?</i></p>  <p><i>Why is it evidence?</i></p>  <p><i>What is it evidence of?</i></p>
<b>Student Work Sample #1</b>	

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Name:

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<b>Requirement #4 for Learning Results Portfolio:</b>	<b>Caption (for Student Sample #2):</b>
4. Copies of six student work samples that demonstrate students engaging in scientific inquiry. Accompanying photos, video, and assessment of the samples encouraged.	<p><i>What is it?</i></p>  <p><i>Why is it evidence?</i></p>  <p><i>What is it evidence of?</i></p>
<b>Student Work Sample #2</b>	

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Name:

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<b>Requirement #4 for Learning Results Portfolio:</b>	<b>Caption (for Student Sample #3):</b>
4. Copies of six student work samples that demonstrate students engaging in scientific inquiry. Accompanying photos, video, and assessment of the samples encouraged.	<p><i>What is it?</i></p>  <p><i>Why is it evidence?</i></p>  <p><i>What is it evidence of?</i></p>
<b>Student Work Sample #3</b>	

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<b>Requirement #4 for Learning Results Portfolio:</b>	<b>Caption (for Student Sample #4):</b>
4. Copies of six student work samples that demonstrate students engaging in scientific inquiry. Accompanying photos, video, and assessment of the samples encouraged.	<p><i>What is it?</i></p>  <p><i>Why is it evidence?</i></p>  <p><i>What is it evidence of?</i></p>
<b>Student Work Sample #4</b>	

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Name:

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<b>Requirement #4 for Learning Results Portfolio:</b>	<b>Caption (for Student Sample #5):</b>
4. Copies of six student work samples that demonstrate students engaging in scientific inquiry. Accompanying photos, video, and assessment of the samples encouraged.	<p><i>What is it?</i></p>  <p><i>Why is it evidence?</i></p>  <p><i>What is it evidence of?</i></p>
<b>Student Work Sample #5</b>	

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<b>Requirement #4 for Learning Results Portfolio:</b>	<b>Caption (for Student Sample #6):</b>
4. Copies of six student work samples that demonstrate students engaging in scientific inquiry. Accompanying photos, video, and assessment of the samples encouraged.	<p style="text-align: center;"><i>What is it?</i></p>  <p style="text-align: center;"><i>Why is it evidence?</i></p>  <p style="text-align: center;"><i>What is it evidence of?</i></p>
<b>Student Work Sample #6</b>	