

## 5E MEANDER Planning Template

Lesson Title:

Grade:

Lesson Objective:

Environmental Principles and Concepts:

PE's Building Towards:

DCI's Building Towards:

Practices Assessed/SEP:

Cross Cutting Concepts Addressed:

Anchor Phenomenon:

Investigative Phenomenon:

Learning Sequence Concept:

5E Stage	Student Does	Teacher Does	3D Concept
<p><b>Engage</b></p> <p>Prior knowledge of concepts to be learned. Introduction of phenomena and opportunity for students to ask questions.</p>	•	•	<p>Lorem ipsum dolor sit amet, nostrud oportere praesent ut mel, cu Nam hendrerit nisi sed sollicitudin pellentesque, nunc posuere purus rhoncus pulvinar aliquam.</p>
<p><b>Explore #1</b></p> <p>Concepts students explore to build understanding of the “explain” concept.</p>	•	•	<p>Lorem ipsum dolor sit amet, nostrud oportere praesent ut mel, cu Nam hendrerit nisi sed sollicitudin pellentesque, nunc posuere purus rhoncus pulvinar aliquam.</p>
<p><b>Explain #1</b></p> <p>Concepts students know or understand (students do the explaining), students explain what they are starting to understand about the phenomenon.</p>	•		<p>Lorem ipsum dolor sit amet, nostrud oportere praesent ut mel, cu Nam hendrerit nisi sed sollicitudin pellentesque, nunc posuere purus rhoncus pulvinar aliquam.</p>
<p><b>Explore #2</b></p> <p>Concepts students explore to build understanding of the</p>	•	•	<p>Lorem ipsum dolor sit amet, nostrud oportere praesent ut mel, cu Nam hendrerit nisi sed sollicitudin pellentesque,</p>

“explain” concept.			nunc posuere purus rhoncus pulvinar aliquam.
<b>Explain #2</b>  Concepts students know or understand (students do the explaining), students explain what they are starting to understand about the phenomenon.	•	•	Lorem ipsum dolor sit amet, nostrud oportere praesent ut mel, cu Nam hendrerit nisi sed sollicitudin pellentesque, nunc posuere purus rhoncus pulvinar aliquam.
<b>Explore #3</b>  Concepts students explore to build understanding of the “explain” concept.	•	•	Lorem ipsum dolor sit amet, nostrud oportere praesent ut mel, cu Nam hendrerit nisi sed sollicitudin pellentesque, nunc posuere purus rhoncus pulvinar aliquam.
<b>Explain #3</b>  Concepts students know or understand (students do the explaining), students explain what they are starting to understand about the phenomenon.	•	•	Lorem ipsum dolor sit amet, nostrud oportere praesent ut mel, cu Nam hendrerit nisi sed sollicitudin pellentesque, nunc posuere purus rhoncus pulvinar aliquam.
<b>Explore #4</b>  Concepts students explore to build understanding of the “explain” concept.	•	•	Lorem ipsum dolor sit amet, nostrud oportere praesent ut mel, cu Nam hendrerit nisi sed sollicitudin pellentesque, nunc posuere purus rhoncus pulvinar aliquam.
<b>Explain #4</b>  Concepts students know or understand (students do the explaining), students explain what they are starting to understand about the phenomenon.	•	•	Lorem ipsum dolor sit amet, nostrud oportere praesent ut mel, cu Nam hendrerit nisi sed sollicitudin pellentesque, nunc posuere purus rhoncus pulvinar aliquam.
<b>Explore #5</b>  Concepts students explore to build understanding of the “explain” concept.	•	•	Lorem ipsum dolor sit amet, nostrud oportere praesent ut mel, cu Nam hendrerit nisi sed sollicitudin pellentesque,

			nunc posuere purus rhoncus pulvinar aliquam.
<p><b>Explain #5</b></p> <p>Concepts students know or understand (students do the explaining), students explain what they are starting to understand about the phenomenon.</p>	•	•	<p>Lorem ipsum dolor sit amet, nostrud oportere praesent ut mel, cu Nam hendrerit nisi sed sollicitudin pellentesque, nunc posuere purus rhoncus pulvinar aliquam.ge.</p>
<p><b>Explore #6</b></p> <p>Concepts students explore to build understanding of the “explain” concept.</p>	•	•	<p>Lorem ipsum dolor sit amet, nostrud oportere praesent ut mel, cu Nam hendrerit nisi sed sollicitudin pellentesque, nunc posuere purus rhoncus pulvinar aliquam.</p>
<p><b>Explain #6</b></p> <p>Concepts students know or understand (students do the explaining), students explain what they are starting to understand about the phenomenon.</p>	•	•	<p>Lorem ipsum dolor sit amet, nostrud oportere praesent ut mel, cu Nam hendrerit nisi sed sollicitudin pellentesque, nunc posuere purus rhoncus pulvinar aliquam.</p>
<p><b>Elaborate</b></p> <p>Concept application.</p>			<p>Lorem ipsum dolor sit amet, nostrud oportere praesent ut mel, cu Nam hendrerit nisi sed sollicitudin pellentesque, nunc posuere purus rhoncus pulvinar aliquam.</p>
<p><b>Evaluate</b></p> <p>Concept(s) students understand at the end of the learning sequence, includes explanation of how and why the phenomenon occurs using understanding of 3D science ideas/concepts.</p>			<p>Lorem ipsum dolor sit amet, nostrud oportere praesent ut mel, cu Nam hendrerit nisi sed sollicitudin pellentesque, nunc posuere purus rhoncus pulvinar aliquam.</p>