

# RESPeCT Professional Development Program

<b>SUMMER INSTITUTE</b>	
<b>Week 1</b>	<p><b>CONTENT DEEPENING: Water Cycle</b></p> <p><b>LESSON ANALYSIS: Introduction to the STeLLA Student Thinking Lens and Strategies</b></p> <ul style="list-style-type: none"> <li>• Identify the Student Thinking Lens strategies in Water Cycle lesson videos of other teachers.</li> <li>• Analyze student thinking in Water Cycle lesson videos.</li> <li>• Practice using the Student Thinking Lens strategies.</li> <li>• Examine Water Cycle lesson plans you will teach second semester that incorporate the STeLLA strategies.</li> </ul>
<b>Week 2</b>	<p><b>CONTENT DEEPENING: Food Webs</b></p> <p><b>LESSON ANALYSIS: Introduction to the STeLLA Science Content Storyline Lens and Strategies</b></p> <ul style="list-style-type: none"> <li>• Identify the Science Content Storyline Lens strategies in Food Webs lesson videos of other teachers.</li> <li>• Analyze student thinking and science content storylines in Food Webs lesson videos.</li> <li>• Practice using the Science Content Storyline Lens strategies.</li> <li>• Examine Food Webs lesson plans you will teach in the fall that incorporate the STeLLA strategies.</li> </ul>



### Fall Study-Group Sessions

<b>Fall Teaching Round 1</b>	<ul style="list-style-type: none"> <li>• Use the STeLLA strategies while teaching lessons on food webs.</li> <li>• Analyze student thinking and science content storylines using video from our own classrooms.</li> <li>• Deepen content knowledge of food webs through lesson video analysis.</li> </ul>	<b>Food Webs</b>
<b>Fall Teaching Round 2</b>		<b>Food Webs</b>



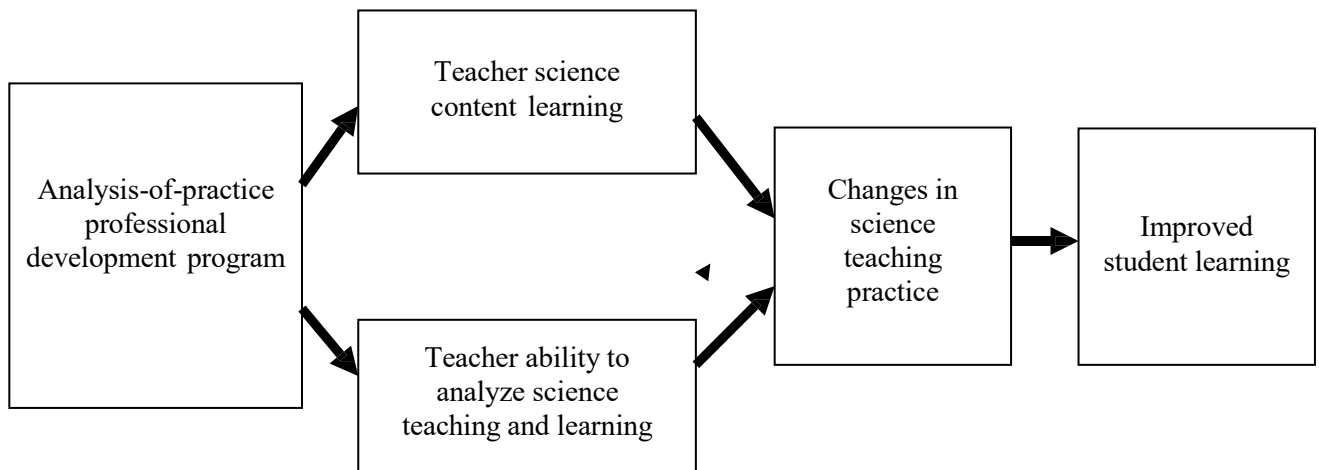
### Winter/Spring Study-Group Sessions

<b>Spring Teaching Round 1</b>	<ul style="list-style-type: none"> <li>• Use the STeLLA strategies while teaching lessons on the water cycle.</li> <li>• Analyze student thinking and science content storylines using video from our own classrooms.</li> <li>• Deepen content knowledge of the water cycle through lesson video analysis.</li> </ul>	<b>Water Cycle</b>
<b>Spring Teaching Round 2</b>		<b>Water Cycle</b>

## Goals of the RESPeCT Professional Development Program

- Deepen teachers' science-content knowledge and knowledge of effective science teaching.
- Develop teachers' analytical skills to improve lesson-plan development and the teaching of science.
- Support teachers in the practical use of new knowledge and analytical skills in their own classrooms.
- Improve students' science learning.
- Achieve sustainability by eventually reaching all K–6 teachers.

## Pathways of Influence for the RESPeCT PD Program



## Setting Up Your Summer Institute Notebook

Your notebook will be a valuable tool for learning and reflection during the Summer Institute. In addition to using it as a professional development resource, you may also want to share certain entries with other teachers (e.g., during Think-Pair-Share), PD leaders, and the research team. To enhance your learning and reflection, we suggest the following guidelines for setting up your notebook:

1. Write your name on the front cover.
2. Set aside the first two or three pages as a table of contents and add to it each day.
3. Number the pages, starting with page 1. (Front and back pages should be numbered separately.)
4. Use sticky tabs to divide your notebook into two main sections: Lesson Analysis and Content Deepening. (Each section will comprise about half the notebook.)
5. Keep a chronological record of your activity in these two sections. Add a title for each entry, and enter it in your table of contents so you can easily find the entry later.
6. Use sticky tabs to further organize your notebook as you wish. For example, some people like to insert a tab for each day of the Summer Institute. Use a system that will help you find things easily.
7. Feel free to customize and decorate your notebook!