The Maine Elementary Sciences Partnership (MaineESP) is supported by a 3-year $1.7 million grant from the Maine Department of Education. Working together with the Maine Physical Sciences Partnership in grades 6-9, our goal is to strengthen rural science education by supporting professional learning communities that improve science content knowledge and reinforce research-supported instructional strategies. This year, the MaineESP has developed a network of almost 100 Science Resource Partners across nearly 50 districts in Maine to help bring high quality professional development supporting the Next Generation Science Standards to nearly 1000 elementary teachers across the state.

**Structure of Talk Science Professional Development**

**Independent Pre-Work**  
(=1 hr)  
- Watch Video Clips  
- Read Article Pieces

**Study Group**  
(1 hr)  
- Discuss Classroom Practice  
- Discuss Video Clips  
- Discuss Next Talk Move

**Independent Classroom Practice**  
- Try it in your classroom!

**This cycle repeats for 6 sessions**

**Session #0**: Kick-Off Webinar  
**Session #1**: Productive Talk and Establishing Culture  
**Session #2**: Goal 1 – Share, Expand, Clarify  
**Session #3**: Goal 2 – Listen Carefully  
**Session #4**: Goal 3 – Deepen Their Reasoning  
**Session #5**: Goal 4 - Think With Others  
**Session #6**: Taking Stock

For more information:  
[http://umaine.edu/MaineESP](http://umaine.edu/MaineESP)  
and  
[MaineESP.org](http://MaineESP.org)