# Science Convention Timeline

<table>
<thead>
<tr>
<th>Day(s)</th>
<th>Today’s Task</th>
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| 1      | WHOLE GROUP: Explain expectations and rubrics.  
IN PAIRS:  
- Brainstorm science convention ideas.  
- Select a science convention topic related to states of matter.  
- Formulate an investigable question about your topic. |
| 2      | Plan a science convention investigation using packet pp. 1-3.  
- Prepare list of materials (page 3). |
| 3 & 4  |  
- Conduct experiment.  
- Collect data (use metric measurement if applicable).  
- Select the type of project you will create (poster or PowerPoint). |
| 5-8    |  
- Analyze data-look for patterns (Packet pg. 4).  
- Do research to learn more about the topic and to explain the results scientifically.  
- Claim/Evidence/Reasoning (Packet pg. 5-6).  
- Begin presentation project: poster or PowerPoint. |
| 9-10   | Complete *formative feedback loop* (Stadler, 1989):  
- 5th graders practice presentation 3 or more times to build confidence.  
- Video-record presentation using PST’s iPad.  
- Watch the video with 5th grade buddy.  
- 5th graders generate ideas for improving the presentation.  
- PST provides specific feedback about the presentation:  
  - Share specific strengths of the presentation.  
  - Share 1 or 2 specific suggestions for improving the presentation.  
- Practice presentation 2-3 more times with other pairs (5th grader and preservice teacher). |
| 11     |  
- Self-assessment: 5th grader and PST score own project using rubric.  
- Peer pairs score and provide feedback on others’ projects using rubric. |
| 12     | Science Convention  
- Present projects to others. |