PeBLES2 - a project of MMSA and BSCS - aims to design and investigate **locally adaptable three-dimensional instructional materials** and **professional learning** for elementary science. We work with teachers, scientists, and researchers to co-design locally adaptable units of instruction and professional learning to dig deeply into the science sensemaking and localization process. PeBLES2 teachers will be able to confidently “choose-their-own adventure”, making small or big tweaks to unit instructional bases to root science sensemaking into their “place”.

We are looking for **fourth-grade teachers** who are willing to pilot one 4th grade unit designed for the Next Generation Science Standards (NGSS).

**Timeline:**
1. February 1st, 2022 - June 30, 2022

**Qualifications:**
We are looking for teachers who...
1. Will be teaching fourth grade and earth and space science content in Spring 2022
2. Have some background and familiarity with the NGSS
3. Have the ability to obtain principal consent to pilot the unit in Spring 2022
4. Preferences are from one of the following geographic areas (surrounding areas are fine):
   a. San Francisco Bay Area (East Bay or San Francisco)
   b. Chicago, Illinois
   c. Reno, NV
   d. New England (Maine, Massachusetts, New Hampshire, Vermont)
5. Ability to teach science approximately 3 hours per week.

**Main Expectations:**
1. Implement an approximately 6-week science unit of study designed for fourth grade.
   Note: duration of the unit will depend on how much time is allotted to science instruction
weekly. Ideally, teachers would budget approximately 3 hours a week for science instruction.

2. Meet weekly (1 hour) with PeBLES2 curriculum developers, researchers, and other pilot teachers to share feedback on the materials and examples of student work.

3. Commit to approximately 4 hours per month of asynchronous work (including but not limited to keeping an instructional log, filling out surveys, giving feedback on design, etc.).

Tentative timeline and expectations for pilot teacher participation

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<th>Timeline</th>
<th>Example Activities with Approximate Timing</th>
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<td>Pre unit implementation, February 2022</td>
<td>Online pre-survey (20-30 min)</td>
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| During unit implementation, February - June 2022 | **Activities in class**  
|                                              | Unit pilot (6 weeks)  
|                                              | Classroom observations (in person or videoconference)                                                                                                                      |
|                                              | **Activities after school**  
|                                              | 1x per week meeting during unit pilot (1 hour per week)                                                                                                                  |
|                                              | Exit tickets (15 min per week)                                                                                                                                              |
|                                              | Online mid-survey (20-30 min)                                                                                                                                               |
| Post unit implementation, June 2022          | Online post-survey (20-30 min)  
|                                              | Post-unit implementation interview (in-person, phone, or video conference)                                                                                                 |

**Benefits:**

1. Opportunity to help shape groundbreaking curricular materials through a co-design process.

2. Ongoing professional development around NGSS implementation and curricular design.


4. Keep all pilot unit materials and resources.

**Compensation:**

1. Upon completion of the pilot and co-design process (June, 2022), participants will receive a $2,000 stipend.

Please complete this [Application](#) and submit any questions to: Rhonda Tate, PeBLES2 Project Manager, [rtate@mmsa.org](mailto:rtate@mmsa.org)