

OPENSIED ELEMENTARY FIELD TEST

INSTRUCTIONS FOR SUBMITTING GRADE 4 STUDENT WORK SAMPLES

UNIT 2: ELECTRICITY

We are asking you to collect and submit samples of student work at specific times during the unit to help with the revisions process. Please note that these work samples will be used only to inform the unit developers about revisions and will not be shared with anyone outside of the development team (e.g., will not be included in the instructional materials or on the OpenSciEd website). The specific images we are interested in are listed in the table below. You may use your phone, tablet, or a digital camera to take high-quality, clear images of your students' work.

Class Selection (if applicable)

If you teach science to more than one group of students, we'll ask you to **pick only one class** for the purpose of student feedback. In order to select this class, please use these criteria:

- Please avoid the first science class of the day.
- If you teach an entire class dedicated to a special population, such as for advanced students, please select another class if possible.
- Among classes that are not for special populations and are not your first class of the day, please select the class that has the most diversity in terms of student demographics (e.g., race/ethnicity, language spoken at home) and academic outcomes.

Based on the above criteria, please use your professional judgement in selecting the one class you will collect data from.

When to Upload Student Work

<i>Please upload student work samples <u>from three individual students (see #2 below)</u> for each of the following lessons:</i>	<i>Please upload <u>one whole class</u> work sample for each of the following lessons:</i>
Lesson 8: Model for How a Device is Powered	Lesson 1: Driving Question Board
Lesson 14: Model for How to Power a Rover	Lesson 1: Initial Consensus Model
	Final Driving Question Board
	Updated Consensus Model

- Check the Lessons above to see when you will be taking photos of student work samples.** The individual student work samples come from the Student Materials and are meant to help you identify which samples to collect following an in-class activity.
- After teaching the lesson for which you will collect individual student work sample noted above, select three students whose work represents a range of performance in science (e.g., basic, proficient, advanced).** The three students do not need to be the same across the lessons.



3) **Remove or hide student names from their work (both individual work and class work products) to comply with student privacy laws.**

You may place sticky notes or index cards over students' names prior to taking the photographs. Please ensure no personal information is visible.

4) **Photograph the work samples.**

Take photos of *each* of the three students' work for the lessons indicated above. Some of the identified artifacts include multiple pages. Please photograph all of the pages for each student; you will be able to submit multiple files for each student.

- a. If possible, please submit high-resolution photographs so we can read student writing and interpret their drawings.
- b. For class products (like Driving Question Boards), please take a picture of the entire chart, then zoom in and take a picture of each quadrant and submit all pictures.

5) **Visit the website link sent to you via email to upload the photos.**

Your unique link was emailed to you from Horizon Research, Inc. It will take you to a form with a few questions. Please select the appropriate answers based on which lessons the student work samples come from. You may upload up the students' work samples at the end of the form. Please upload each sample you identified to the appropriate location.

Please reach out to us at Horizon Research, Inc. if you have any questions or concerns about uploading the student work samples: openscienced@horizon-research.com or call toll free at 877-297-6829.