



Pre- Lesson

Lower Elementary Science

Lesson Overview and Goals

The goal of this pre-lesson is to prepare your students for a successful trip to the Science Mill. We know that students often have the most meaningful field trip experience when they are able to connect their field trip to classroom learning. This lesson is intended to help frame your students' mindset for experiencing our unique exhibits and make connections to STEM careers. Please note, this pre-lesson warm-up is provided as a helpful resource for you and your students, but is NOT required for your field trip experience.

A PowerPoint to help guide this warm-up lesson may be adapted to suit your classroom curriculum and can be found here.

Required Time for the Lesson: 10 - 15 minute warmup

- If you opt to highlight certain exhibits that directly relate to your curriculum before the trip, you may need additional time. We recommend making curriculum connections by exploring our exhibits online at <http://www.sciencemill.org/exhibits/>.
- TEKS Alignments by Exhibit

Warm-up Activity

Share PowerPoint with your students wherein you may:

1. Review expectations for your field trip.
2. Have students write Information needed for creating avatars and unique Explorer Zone Login on a notecard to bring with them on their field trip.
3. Discuss and answer warm-up questions related to field trip goals. Feel free to add your own curriculum connections to these questions.



Post- Lesson

Lower Elementary Science

Reflection and Making Connections!

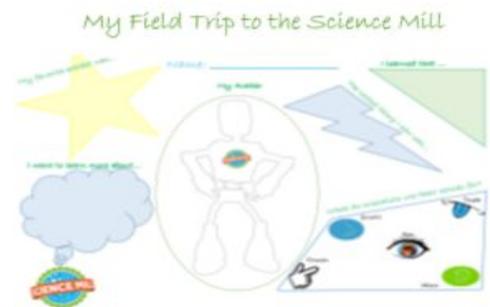
We hope that you enjoyed your field trip to the Science Mill. This post lesson is intended to provide your students the opportunity to reflect on their field trip and think about curriculum connections made and how scientists use learned skills in their jobs.

Required Time for Post-Lesson: 10 to 15 minutes

Reflection Activity

To help your students reflect on their time at the Science Mill, we have developed an activity page, which can be downloaded here. This activity asks your students to write or draw about the following topics...

- Their favorite exhibit and personal avatar
- Things they want to do or learn more about
- The coolest thing they saw at the Science Mill
- How scientists use their five senses
- Something new they learned on their field trip



Consider having students share their completed activities with each other in groups, display their completed works in the classroom, **or SHARE THEIR PROJECTS WITH US** via email fieldtrips@sciencemill.org or social media using the #sciencemill.

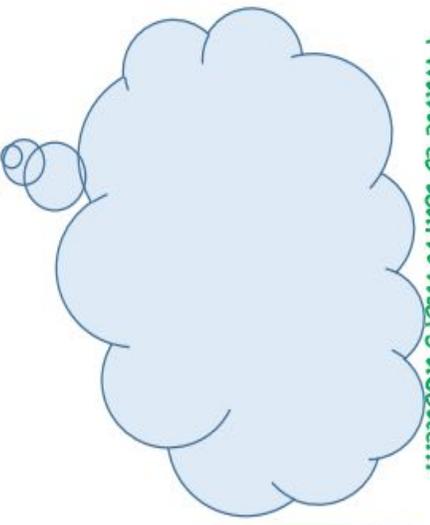
Optional Activity: Post some of your favorite images and quotes from your chaperones and students with the #sciencemill and gain an opportunity for your class to be featured on our website and Facebook page!

My Field Trip to the Science Mill

My favorite exhibit was...

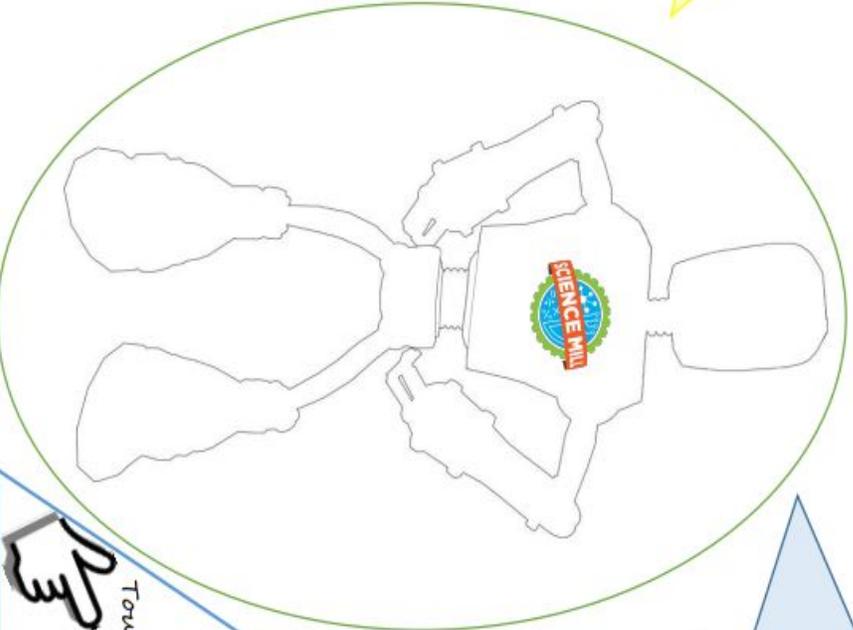


I want to learn more about...



Name: _____

My Avatar



I learned that ...



The coolest thing I saw was...



What do scientists use their senses for?

Touch 

Smell 

See 

Hear 

Taste 