



Greetings,

We are starting a new science unit in class called *How Can We Change Change Solids and Liquids?* The unit leads up to a science challenge. Your child will figure out which materials have the properties to make the best boo-boo pack when frozen. Your child's at-home and out-of-school experiences can play an essential role in supporting the development of their own and their classmates' understanding of how the world works. As I work on planning the lessons, I would appreciate some ideas about how your child may have already experienced our new topic. Your feedback will help me incorporate their experiences into the unit.

If you can, please respond to as many of the following questions as you are comfortable answering. Rest assured that your child does not have to have relevant previous experiences to be successful with the unit.

1. Has your child visited an art museum, place of worship, or any other place with sculptures or other three-dimensional works of art?
2. Does your child frequently build objects with blocks, plastic bricks, or modeling dough?
3. Do you use cold packs/ice packs/boo-boo packs at home to treat minor injuries? If so, what kind?

In this unit, we will be building sculptures from pieces of recyclable plastic. If you can, please collect and send into class plastic items such as those listed below. Please know that your child will have materials to complete the activity even if you are not able to send in these items. Please wash all items that contained food with dish soap and allow them to air dry.

Packaging	Milk jugs	Bottles	Bags
Utensils	Yogurt containers	Bottle caps	Egg cartons
Straws and stirrers	Takeout containers		

In addition to sharing your child's experiences with me, I encourage you to discuss topics related to this science unit with your child. This can help them make sense of what they are doing in school. Here are some examples of questions to ask at home:

1. Did you build a sculpture of an animal from pieces of plastic? What did it look like? How did you use the pieces to make your animal? What did other students make?
2. Are you making your own crayon? Tell me what happened to the classroom's crayons to change them. Tell me about your design. Why did you design it like that?

You can learn more about this science unit at [Science Education.si.edu/solidsandliquids-phenomenon](https://ScienceEducation.si.edu/solidsandliquids-phenomenon). Please feel free to ask me questions. I want to work with you to make sure your child gets the most out of this unit.

Thank you.