

Expanding...

Now leave the items out for 30 minutes and check again. Any changes? Were your guesses right? Which ones were the same and which ones were different? Why do you think that is?

Student Name: _____

Teacher's Name: _____

Due Date: _____

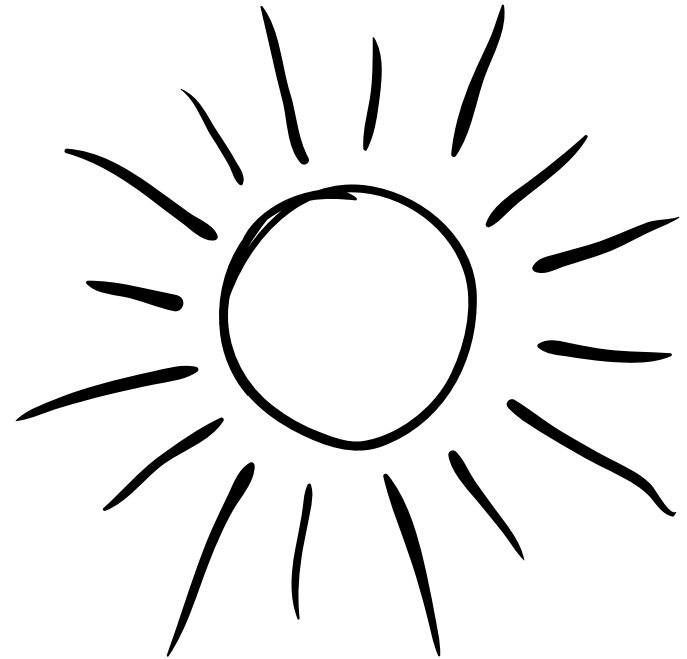
Partner's Name: _____



The Science Alliance of Tennessee, a coalition of 6 Science and Children's Museums, aims to foster children's curiosity, wonder and problem-solving skills using STEM curricula and community connections that set students on a positive trajectory of learning where they live and play. This project, the Tennessee Rural Impact Project (TRIP), was made possible in part by the Institute of Museum and Library Services.

Let's Explore

Space: Earth's Biggest Star!



Exploring...

Did you know the biggest star we can see from Earth is the sun?



- The Sun is the closest star to Earth.
- The Sun gives the Earth heat and light.
- Energy from the sun is called solar energy.
- Solar energy has been used by people for hundreds of years to cook food, keep warm, and to dry clothes.

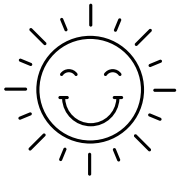
What to do

Power of the Sun Activity

Let's see what happens to different items left in the sun.

1. Gather items with a partner:

- a rock
- cup of cold water
- piece of ice
- piece of chocolate or butter
- a crayon or candle
- a marble or ball
- a small piece of paper
- a leaf



2. Line up your items outside where the sun is shining.
3. Guess which items will stay the same and which ones will change.
Write down or draw your items and circle which ones you think will change.
4. Leave your items out for 15 minutes and come back to check on them. Did any of them change?