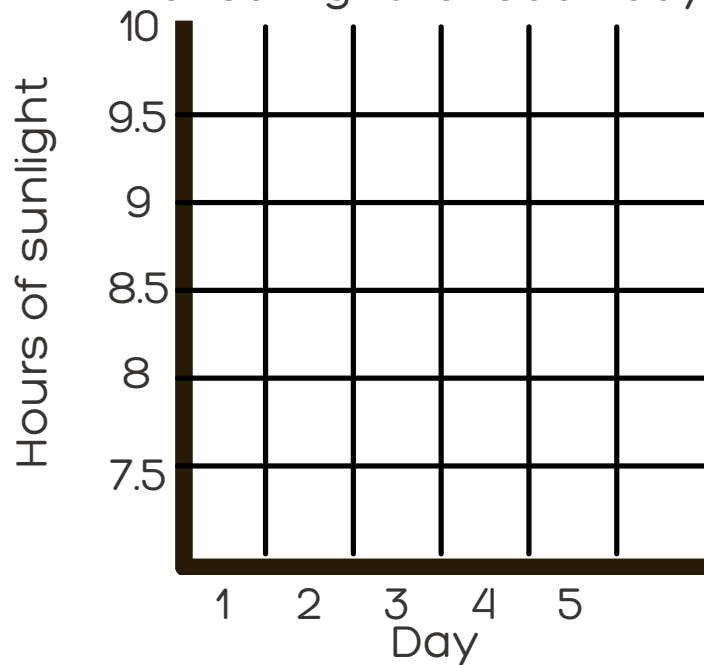


Expanding...

With your partner, graph the amount of sunlight for each day.



Student Name: _____

Teacher's Name: _____

Due Date: _____

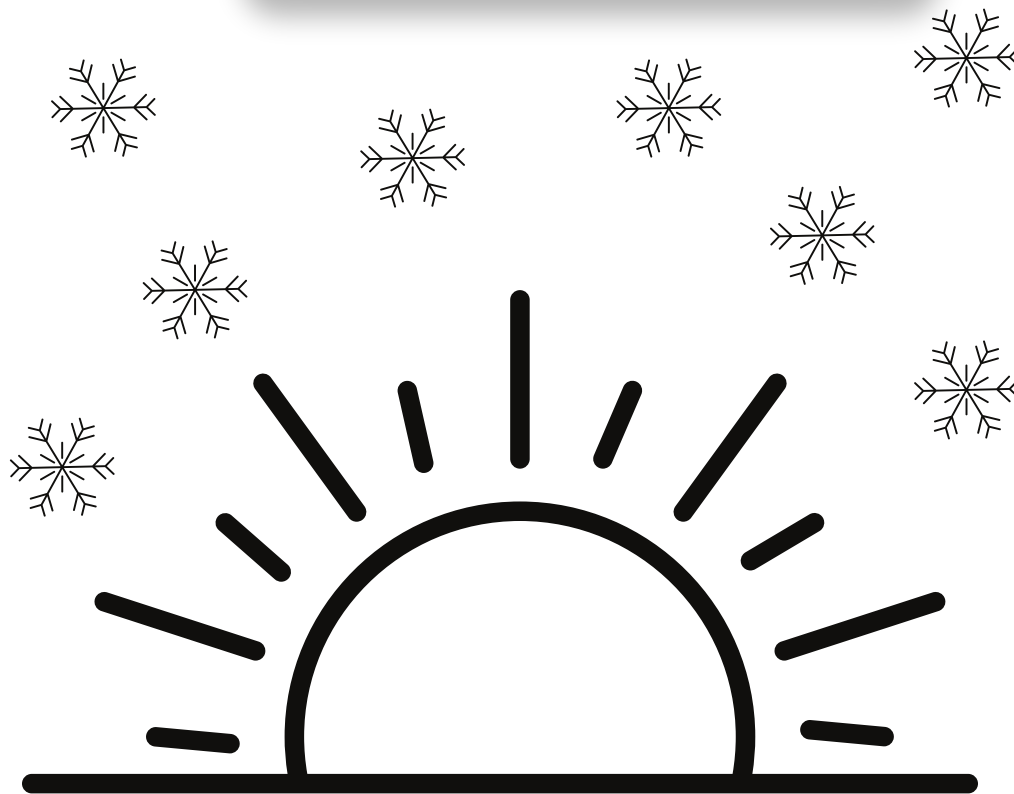
Partner's Name: _____



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

The Winter Solstice



Exploring...

The **winter solstice** is the first day of winter. It is the day with the fewest hours of sunlight.

This year it is on December 21, 2023.

On the 21st, the sun will:

city	rise	set	amount of sunlight
Nashville, TN	6:45 a.m. CST	4:36 p.m. CST	9 hrs. 41 mins.
Memphis, TN	7:04 a.m. CST	4:51 p.m. CST	9 hrs. 47 mins.
Knoxville, TN	7:42 a.m. EST	5:25 p.m. EST	9 hrs. 42 mins.

What to do

We can watch the days become shorter or longer.

Record the sunrise or sunset over time.
Count the amount of sunlight each day.

day	sunrise	sunset	amount of sunlight
1.			
2.			
3.			
4.			
5.			