



## Spinning Earth:

Investigating Patterns in the Sky  
**Grade 1 - Lessons 3.3 and 3.4**

Accompanying Videos and Books can be found at:  
[tinyurl.com/SciLessons](https://tinyurl.com/SciLessons)



Other Amplify resources can be found at:  
[amplify.com/remoteteaching/Science/resources](https://amplify.com/remoteteaching/Science/resources)

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Morning Sky Observations 1

Directions:

1. Write the time on the line below.
2. Observe a family member/partner pointing toward the sun.
3. Check the picture that looks most like your partner's arm.
4. Face the direction of the sun.
5. Draw what you observe, be sure to label the horizon.
6. Take a photo of your drawing and attach it in the box below.

Time: \_\_\_\_\_



very low



low



medium-high



high



very high

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Afternoon Sky Observations 1

Directions:

1. Write the time on the line below.
2. Observe a family member/partner pointing toward the sun.
3. Check the picture that looks most like your partner's arm.
4. Face the direction of the sun.
5. Draw what you observe, be sure to label the horizon.
6. Take a photo of your drawing and attach it in the box below.

Time: \_\_\_\_\_



very low



low



medium-high



high



very high

# Glossary

**data:** observations or measurements recorded in an investigation

**datos:** observaciones o mediciones apuntadas en una investigación

**day:** a length of time that includes one full daytime and one full nighttime

**día:** un periodo de tiempo que incluye las horas diurnas y las horas nocturnas

**daytime:** the part of the day when the sky is bright

**horas diurnas:** la parte del día en la que el cielo está luminoso

**Earth:** the planet we live on

**Tierra:** el planeta en el que vivimos

**horizon:** the line where Earth and the sky look like they come together

**horizonte:** la línea en donde parece que se juntan la Tierra y el cielo

**nighttime:** the part of the day when the sky is dark

**horas nocturnas:** la parte del día en la que el cielo está oscuro

**organize:** to set things up in a way that makes sense

**organizar:** ordenar las cosas de manera que tenga sentido

## **Glossary** (continued)

**pattern:** something we observe to be similar over and over again

**patrón:** algo que observamos que sea similar una y otra vez

**predict:** to use what you already know to decide what you think might happen

**predecir:** usar lo que ya sabes para decidir lo que piensas que podría pasar

**record:** to draw or write down information

**apuntar:** dibujar o escribir información