



# Pre- and Post-Assessment

Elementary Grades

## **Lesson Summary**

Pre/post assessment of student knowledge and understanding of the Sun

## **Prior Knowledge & Skills**

Not applicable

## **Science Benchmarks & Standards**

Not applicable

**Teaching Time:** One 45-minute period

## **Materials per Student**

- Copy of the assessment
- Pencil/pen

## **Advanced Planning**

**Preparation Time:** 20 minutes

1. Review lesson plans
2. Copy student sheets

*Live from the Aurora*, pp. 8-10, NASA (2003)

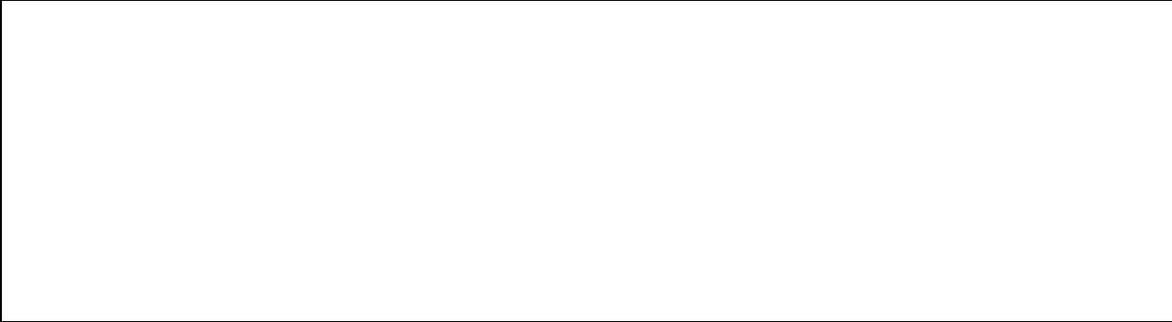
[http://sunearth.gsfc.nasa.gov/sunearthday/2003/educators\\_guide2003/pdf/lfa\\_educators\\_guide.pdf](http://sunearth.gsfc.nasa.gov/sunearthday/2003/educators_guide2003/pdf/lfa_educators_guide.pdf)

Name

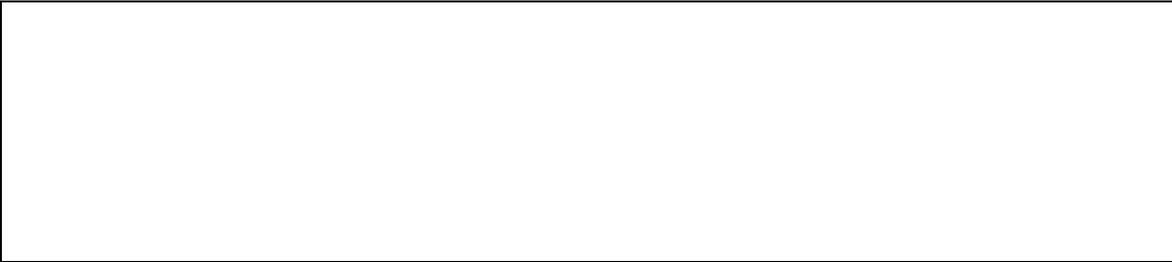
## PRE/POST ASSESSMENT ACTIVITY

*Draw a picture to show your answer.*

1. What do you think the Sun looks like?

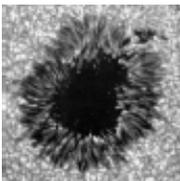


2. How does the Earth revolve around the Sun?



*Fill in the blank with a yes or no.*

3. The Sun is shaped like a square.
4. The Sun is solid.
5. The Sun has spots.
6. The Sun gives us heat and light.
7. The Sun causes day and night.
8. The Sun is our closest star.
9. You can study the Sun and sunspots with a telescope.



Name

## WHAT IS THE SUN?

*Fill in the dot by the correct answer.*

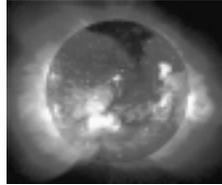
1. What is the Sun?



a moon



a planet



a star

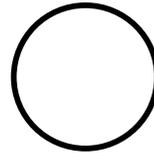
2. What is the Sun shaped like?



a square



a ball



a circle

*Fill in the blank with the underlined words.*

3. Is the Sun the star closest to the Earth or farthest from the Earth? The Sun is the star the Earth.

4. Is the Sun bigger than or smaller than the Earth? The Sun is \_\_\_\_\_ the Earth.

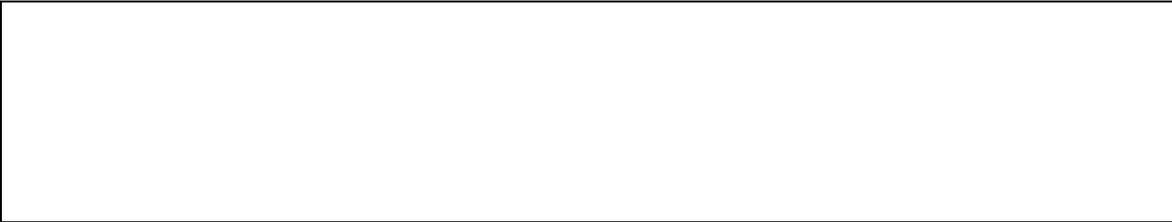
# SUNSPOTS

Name

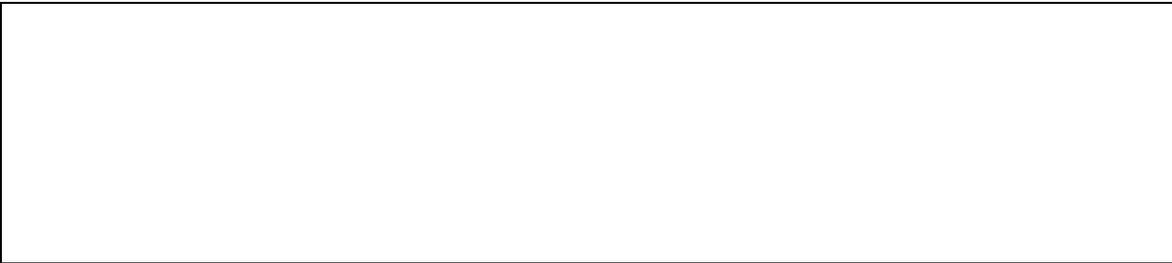
## HELPFUL AND HARMFUL

Draw one picture of how the Sun could be helpful and one picture of how the Sun could be harmful. Then fill in the blanks at the bottom of the page describing your pictures.

HELPFUL



HARMFUL



The Sun is helpful because

The Sun is harmful because

