

## ACTIVITY!

## PROJECT!

**BE A SKY WATCHER**

It is not possible for you to observe a comet each night, but you can observe the moon and the stars. In this activity, you are going to observe the stars during the period of a week using only your eyes. Write down your observations and draw pictures in your science journal.

**SUPPLIES**

- \* science journal and pencil
- \* ruler

**1** Divide one page of your journal into eight equal sections. In the first section, write down your prediction to the question, "Will the stars appear in the same place each night?"

**2** Observe the stars at the same time in the evening for the next seven nights. Refer to the scientific observation worksheet in this book to help guide your study.

**3** Write down your observations using one square for each evening. Note the size, color, and the position of these objects.

**4** At the end of the seven days, look at your results. What happened? Was your prediction correct? Why or why not? If you did this experiment again, is there anything you would change?

**EXPLORE MORE!** Repeat the above experiment, but this time observe the moon. Do you think the moon will be the same shape each evening? Why or why not? Will the moon be in the same position each evening? Why or why not?