

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

Homework

# Science Skill: Collecting and Interpreting Using Charts and Graphs

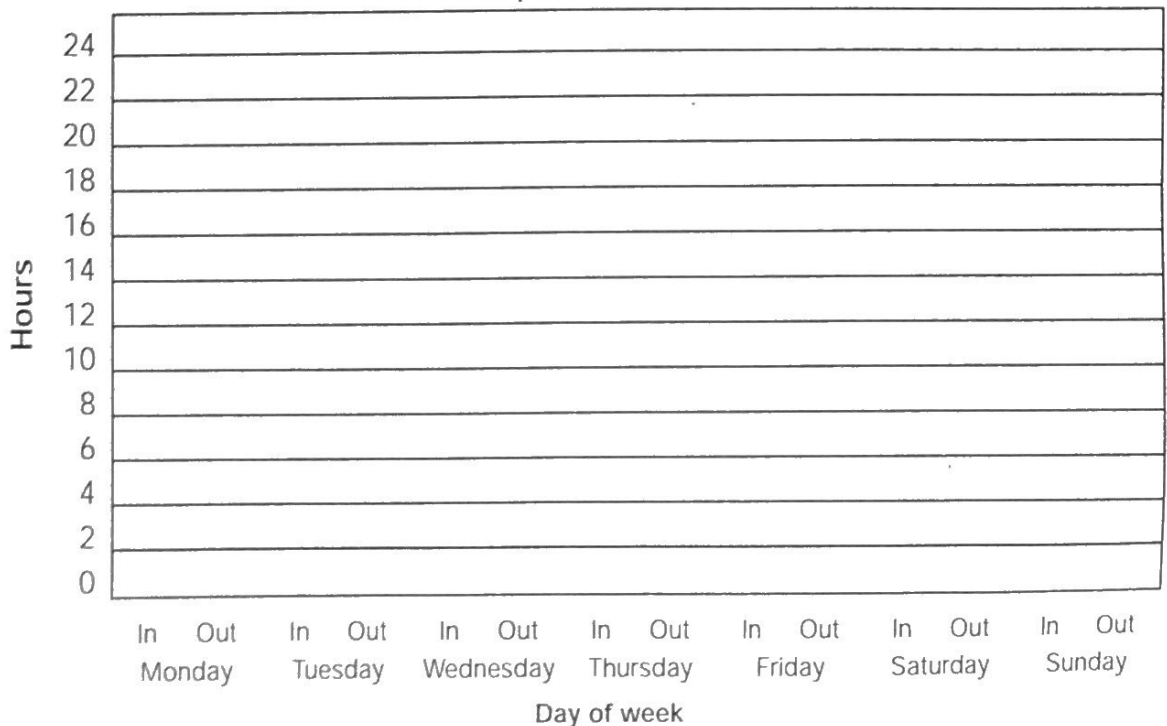
## Follow This Procedure

Record the amount of time you spend indoors and outdoors for each day of the week.

	Hours indoors	Hours outdoors
Monday		
Tuesday		
Wednesday		
Thursday		
Friday		
Saturday		
Sunday		
Total		

Take the data from your table and reorganize it into a chart or graph. Use different colors for indoor and outdoor time.

Time Spent Indoors/Outdoors



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

Interpret the data in your chart or graph to answer the following questions:

Where do you spend the most amount of time, indoors or outdoors?

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Do you and your classmates spend the same amount of time indoors during weekdays and weekends?

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Can you interpret how you usually spend your "Tuesdays" from just one day of data?

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### Thinking About Your Thinking

Could you have made as accurate an interpretation of your data if you had only collected data for one day?

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Would your data and interpretations vary if you collected it in the summer or the winter? on a holiday?

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How can you adjust your data to account for these changes?

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### Self-Assessment Checklist

I **collected data** on how much time I spend indoors and outdoors and recorded it in a table.

I organized the data from my table into a chart or graph.

I **interpreted the data** in my chart or graph to answer questions.

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**Notes for Home** Your child collected and interpreted data on how much time he or she spends indoors and outdoors.

**Home Activity:** Have your child explain to you how to collect data and organize it in a chart or graph.