Observe Ecosystems

Procedure

1. **Record Data** Use the chart to record your data.

<table>
<thead>
<tr>
<th>Living Things</th>
<th>Nonliving Things</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</tbody>
</table>

2. **Experiment** Take a short walk outdoors with your teacher and classmates. Lay your string along the ground in a place where you can kneel down. **Safety:** Watch out for any sharp objects on the ground.

3. **Observe** With your hand lens very close to the string, observe all the living and nonliving things along the entire length of your string.

4. **Record Data** Record your observations. Make a note about the nonliving conditions where you did your observations. For example, was the area sunny or shady?

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Conclusion

Write the answers to the questions below.

1. **Analyze Data** Exchange charts with another student. How did the nonliving conditions of the area affect what could live there?

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2. **Predict** Explain why your chart was similar to or different from your classmate’s chart. Predict whether the organisms listed on your chart could live in the conditions listed on your classmate’s chart.

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Ask Questions

Imagine your favorite California land ecosystem. Make a list of questions about the nonliving and living parts of that ecosystem. **Research** answers to your questions in the library.

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