

## Thinking Science - Collecting Data

Wordnet defines data as “a collection of facts from which conclusions may be drawn”. <http://wordnet.princeton.edu/perl/webwn>

Begin to hone your science skills by identifying the data a scientist might collect when studying a wetland and the species that are found there. What tool(s) are used to collect the data? Write the unit of measurement that applies to each kind of data.

**Data to collect**

**Measurement tool(s) / Unit of measurement**

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Quantitative data is obtained by measuring and is reported using numbers. Review the data you have listed.

**Place a checkmark next to the quantitative data.**

Examples: The sky is blue is qualitative data. The temperature outside is 34°C is quantitative data.

Science Anchors - Identify appropriate instruments for a specific task and describe the information the instrument can provide.