

InquirySpace Teacher Guides: Using Sensors to Collect Data

To use sensors with InquirySpace activities, The Concord Consortium's SensorConnector software must be installed and run on your computer. This SensorConnector software links sensors directly to the CODAP software running in the Experiment Tab. Probes from both Vernier and PASCO can be used with the SensorConnector.

Follow these simple steps to set up the SensorConnector on your computers.

Install the SensorConnector

Visit <http://sensorconnector.concord.org/>

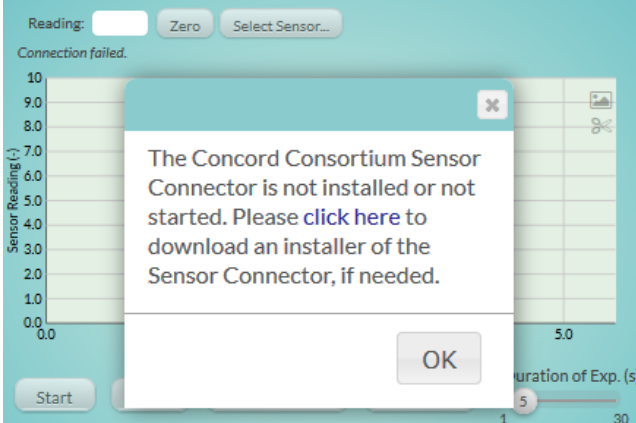
- **Download** the appropriate SensorConnector installer, for either Windows or OSX.
- **Install** SensorConnector by running the downloaded installer software.
- **Run** the SensorConnector application.

If using Vernier GoLink probes, your installation process is complete. The SensorConnector presently supports one (1) GoLink probe at a time.

If using Vernier LabQuest probes, or PASCO UsbLink or PowerLink follow the appropriate driver links on the SensorConnector web page, download, and install. If using the Vernier LabQuest Mini, the SensorConnector supports collecting data with up to two simultaneous sensors. Use of LabQuest2 connected by USB or in wireless mode is under development.

Use the SensorConnector with an InquirySpace Activity

Each time you run an activity that requires data collection through sensors, the SensorConnector software must be run first. Find the icon for the SensorConnector and open the software. If you do not run the SensorConnector software prior to logging into the Experiment Tab for a probe-based experiment, you will get the following dialog box:

	<p>The click here link on the dialog box to the left opens a browser window to the SensorConnector web page.</p> <p>It may be tempting to download the SensorConnector software again, but it is not necessary. Simply, run the SensorConnector from your operating system.</p>
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Use the SensorConnector with Any Sensor in CODAP

If you would like to collect data from other sensors, and analyze that data in the CODAP environment, open the following link. You must have the SensorConnector application installed and running first.

- <http://short.concord.org/27>