

# Biology with Vernier

## Release Notes

<i>Biology with Vernier</i>	Current Version	Release Date
<b>Electronic Resources</b>	4.1.0	January 2018
<b>Printed Lab Book</b>	4th edition, 1st printing	January 2018

Supported Software	Sensor Family	Experiments
<b>Graphical Analysis 4 App</b>	<b>LabQuest sensors</b>	all, except 26 (no support for Respiration)
	<b>Go Direct sensors</b>	all, except 14, 17, 19–21, and 25 (no support for DO)* 27, 29 (no support for Heart Rate)*
<b>Logger Pro Software</b>	<b>LabQuest sensors</b>	all
<b>LabQuest App</b>	<b>LabQuest sensors</b>	all
<b>EasyData App</b>	<b>LabQuest sensors</b>	all

### BWV 4.1.0 (January 2018)

We are happy to announce the initial release of the 4th edition of *Biology with Vernier*. The printed book has a new appearance with an updated cover design and a flat binding rather than a coil. The student and instructor files have been extensively revised:

#### Student Experiments

- New directions for using LabQuest sensors and Go Direct sensors with Graphical Analysis 4 app
- Revisions to most experiments

#### Instructor Information

- Correlated all experiments with the Next Generation Science Standards (NGSS)
- Added estimates for time needed to setup and collect data for each experiment

\*Future updates will support collecting data with Go Direct Optical Dissolved Oxygen and connecting to heart rate sensors via wireless with Graphical Analysis 4.