

	Experiment	Suggested Products
1	Energy in Food	Go Direct® Temperature Probe
2	Limitations on Cell Size: Surface Area to Volume	Go Direct® Conductivity Probe
3	Acids and Bases	Go Direct® pH Sensor
4	Diffusion through Membranes	Go Direct® Conductivity Probe
5	Conducting Solutions	Go Direct® Conductivity Probe
6A	Enzyme Action: Testing Catalase Activity	Go Direct® O ₂ Gas Sensor
6B	Enzyme Action: Testing Catalase Activity	Go Direct® Gas Pressure Sensor
7	Photosynthesis	Go Direct® Colorimeter
8	The Effect of Alcohol on Biological Membranes	Go Direct® Colorimeter
9	Biological Membranes	Go Direct® Colorimeter
10	Transpiration	Go Direct® Gas Pressure Sensor
11A	Cell Respiration (O₂)	Go Direct® O ₂ Gas Sensor
11B	Cell Respiration (CO₂)	Go Direct® CO ₂ Gas Sensor
11C	Cell Respiration (Pressure)	Go Direct® Gas Pressure Sensor
11D	Cell Respiration (CO₂ and O₂)	Go Direct® CO ₂ Gas Sensor, Go Direct® O ₂ Gas Sensor
12A	Respiration of Sugars by Yeast	Go Direct® CO ₂ Gas Sensor
12B	Sugar Fermentation	Go Direct® Gas Pressure Sensor
13	Population Dynamics	Go Direct® Colorimeter
14	Interdependence of Plants and Animals	Go Direct® Optical Dissolved Oxygen Probe, Go Direct® pH Sensor
15	Biodiversity and Ecosystems	Go Direct® Temperature Probe
16A	Effect of Temperature on Respiration	Go Direct® CO ₂ Gas Sensor
16B	Effect of Temperature on Fermentation	Go Direct® Gas Pressure Sensor
17	Aerobic Respiration	Go Direct® Optical Dissolved Oxygen Probe, Go Direct® Temperature Probe
18	Acid Rain	Go Direct® pH Sensor
19	Dissolved Oxygen in Water	Go Direct® Optical Dissolved Oxygen Probe

20	Watershed Testing	Go Direct® Conductivity Probe, Go Direct® Optical Dissolved Oxygen Probe, Go Direct® pH Sensor
21	Physical Profile of a Lake	Go Direct® Conductivity Probe, Go Direct® Optical Dissolved Oxygen Probe, Go Direct® pH Sensor, Water Depth Sampler
22	Osmosis	Go Direct® Gas Pressure Sensor
23A	Effect of Temperature on Cold-Blooded Organisms	Go Direct® O ₂ Gas Sensor
23B	Effect of Temperature on Cold-Blooded Organisms	Go Direct® CO ₂ Gas Sensor
24A	Lactase Action	Go Direct® CO ₂ Gas Sensor
24B	Lactase Action	Go Direct® Gas Pressure Sensor
25	Primary Productivity	Go Direct® Optical Dissolved Oxygen Probe, Primary Productivity Kit
26	Control of Human Respiration	Go Direct® Respiration Belt
27	Heart Rate and Physical Fitness	Hand-Grip Heart Rate Monitor
28	Monitoring EKG	Go Direct® EKG Sensor
29	Ventilation and Heart Rate	Hand-Grip Heart Rate Monitor
30	Oxygen Gas and Human Respiration	Go Direct® O ₂ Gas Sensor
31A	Photosynthesis and Respiration (O₂)	Go Direct® O ₂ Gas Sensor
31B	Photosynthesis and Respiration (CO₂)	Go Direct® CO ₂ Gas Sensor
31C	Photosynthesis and Respiration (CO₂ and O₂)	Go Direct® CO ₂ Gas Sensor, Go Direct® O ₂ Gas Sensor