

# Millennium@EDU Labware

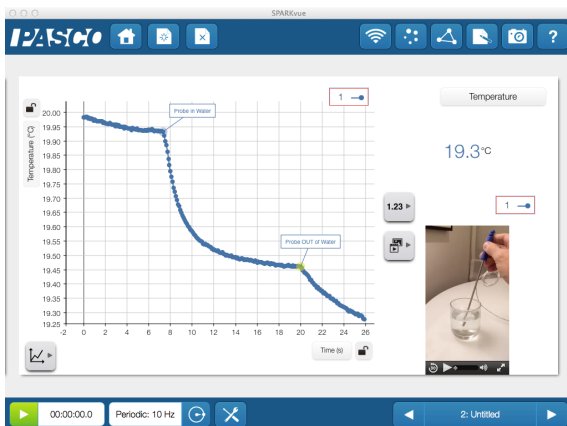
from PASCO scientific  
the global leader in 21st century science education



## THE MODERN SCIENCE EXPERIENCE

Introduce modern sensor-based science to students, bringing real-time data collection, display, and analysis to the classroom and the field.

This SPARKscience solution from PASCO includes sensors, the award-winning SPARKvue science learning environment software, and lab activities exploring topics around the Millennium Development Goals.



Modern, real-time data collection and analysis for all your science programs:

- ✓ biology
- ✓ chemistry
- ✓ physics
- ✓ environmental studies

## WHY LABWARE ?

- ✓ Improve science learning
- ✓ Develop 21st century skills
- ✓ Engage and retain interest in STEM fields
- ✓ Apply modern tools to real-world problem solving

With PASCO sensors, students can collect their own data and do science just as scientists do, supporting the development of critical thinking, collaboration, and problem-solving skills.

With just these two sensors, students can investigate a wide range of topics in biology, chemistry, environmental science, and physics, including concepts directly relevant to the United Nations Millennium Development Goals.



Collect and display authentic sensor-based data on student devices or even interactive white boards.

## WHAT'S INCLUDED IN THE MILLENNIUM@EDU LABWARE ?



### CHEMISTRY SENSOR

This MultiMeasure Sensor simultaneously measures 4 phenomena common across biology, chemistry and physics and even water studies. Includes temperature, pH and voltage probes, plus syringe and tubing for pressure experiments.

This sensor measures:

- ✓ Temperature
- ✓ pH
- ✓ Pressure
- ✓ Voltage



### MOTION SENSOR

This sensor provides real-time measurement of the linear motion of objects and even people. Study the motion of small carts, mass on springs, acceleration of falling objects, and more. Help students build a solid foundation of the fundamental physics topic of motion.

This sensor measures:

- ✓ Distance (Position)
- ✓ Velocity
- ✓ Acceleration



### USB LINK

Connects your sensor to your computing device via the USB port. Just plug your sensor into the USB Link and live measurements immediately display in your SPARKvue software (already loaded on your Millennium@EDU computer or tablet).

## ABOUT PASCO

PASCO is the global expert in 21st century science education. For 50 years, we have been designing innovative education technology solutions for K-14 science. Today PASCO and our network of science education partners serve educators in more than 100 countries around the world, on both a school level and through ministry-level projects.

[pasco.com/millenniumEDU](http://pasco.com/millenniumEDU)

