

Instrumentation, Measurement, & Units


Discover how hurricane hunters, astronauts, and farmers all use science to examine the world that surrounds us. How is thermal imaging used to help predict volcanoes? How do meteorologists use high-altitude balloons and satellites? How does a x-ray microscope allow scientists to see cells in 3D? All of these questions and more are investigated in Instruments, Measurements, and Units. Additional topics include the mapping of the brain, quantum mechanics, and the different units of measurement.

Topics and resources in the following areas:


- Significant Figures
- General Lab and Measurement Equipment
- Life Science Instrumentation
- Physical Science Instrumentation
- Earth Science Instrumentation
- Space Science Instrumentation
- Units of Measurement
- Scale and Order of Magnitude

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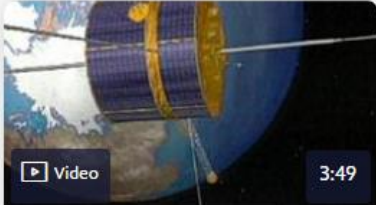
Videos(426)



Running Out of Time! | SI Superheroes
In their second suspenseful adventure, the League of SI Superheroes battle archvillain...
Grades 4-6, 8



Gross Science | See Microbes with This DIY Phone Microscope
Learn how to see microbes with your phone, in this episode of Gross...
NOVA
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Earth System: Satellites
While the Moon is Earth's only natural satellite, there are thousands of artificial satellites circling...
WGBH
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<http://bit.ly/InstrumentationPBSLM>

