

NSTA Article: Flatten the Classroom with the iGo Microscope

“The iGo makes macroscopic observations so intuitive that students will explore the world of the small with reckless abandon, and overt curiosity!”

-Article Author, Martin Horejsi

Current Issues and Research in Science Education Course

“Technology that has application in the field and in the classroom.”

-Instructor, David Walling

NSTA Article: Discovering Flowers in a New Light

“Technology can engage students in scientific inquiry. The digital microscope provides experiences beyond what students could learn through other “low tech” approaches.

--Article Authors, Rebecca McNall and Randy Bell

Description of Resources	Cost
Smart Microscope iGO	FREE **

**The digital microscopes are leased to classrooms for a two week period. Extensions to this two week period may be possible based on equipment availability.

**Available to schools in Monroe County only. ESP couriers deliver and pick up the equipment.

FOR MORE INFORMATION:

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Elementary Science Program

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**SMART SCOPE
Digital Microscope**



Elementary Science Program

Help students explore the microscopic world!

The SMART Microscope iGO is an easy-to-use durable, digital microscope that can be used with all grade levels.

Connects wirelessly to the iPad, iPad mini, iPod Touch, iPhone and Android phones and tablets using the FREE app Wi-Viewer. *(Apple or Android device provided by the school.)*

View live images on up to three mobile devices at the same time.

Takes still photos, movies, and time-lapse videos.

- Wireless: 2.4 GHz WiFi (creates own network)
- Magnification: up to 200x depending on screen size
- Range: up to 10 meters
- Power: 3 AA batteries
- Operation Time: up to 3.5 hours using Ni-MH 2500mA rechargeable batteries (provided)



Snapshot Button to take a picture.

Begin with focus dial turned all the way to the right. Slowly turn to the left until the object comes into focus.

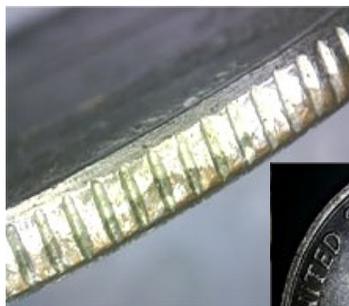
If touching the object with the lens tip, continue to turn the focus dial to the left and the image will come into focus a second time for even greater magnification.

Easy for adults and students to use!



ON / OFF Switch

Light Intensity Dial



A quarter at 100x magnification using the Smart Microscope iGO



Parts of a flower pictures taken with the Smart Microscope iGO



A water organism picture taken with the Smart Microscope iGO

What else can my students observe with the iGO?:

- Plant and animal cells
- Hair and skin samples
- Rocks, sand, soil
- Grains of salt, sugar and other common substances
- Clothing and other textiles
- Seeds and leaves
- Live insects
- And so much more!!