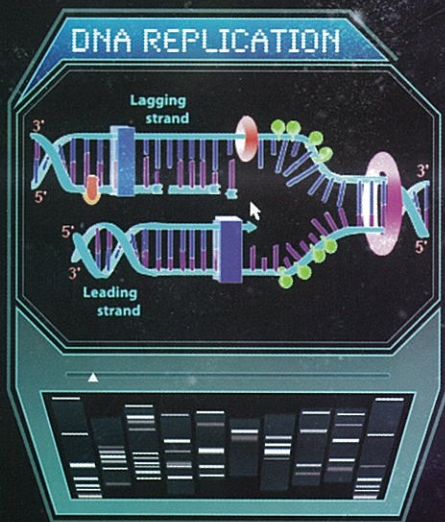
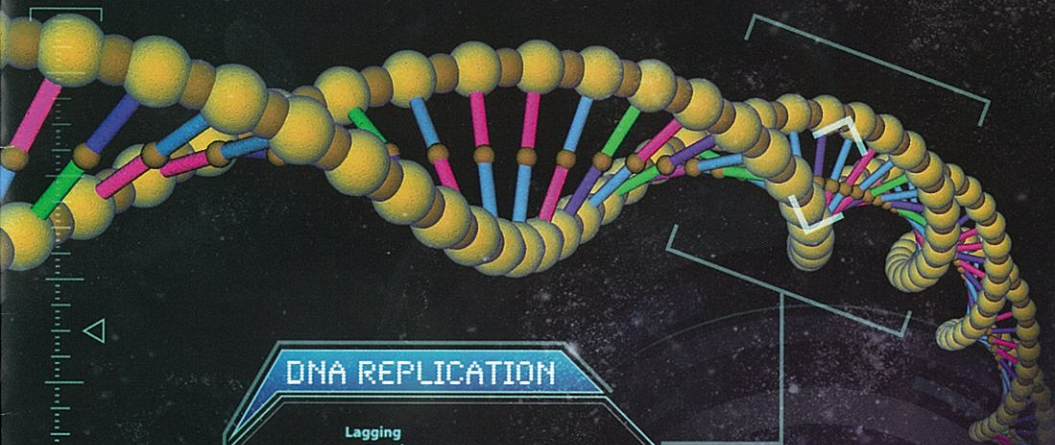


scient**T**ist

in the classroom, lab and field



Create a one-to-one learning environment where students get to think, explore, analyze and support their findings like scientists... *every day.*

Igniting curiosity

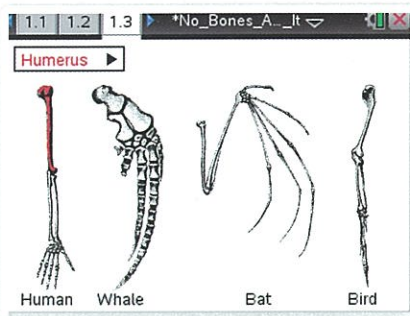
In middle and high school students

As your education partner, Texas Instruments is helping teachers excite students about STEM education and careers with free standards-aligned activities, technology and professional development.

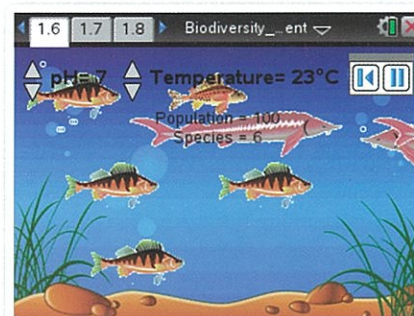
Science Nspired

www.sciencenspired.com

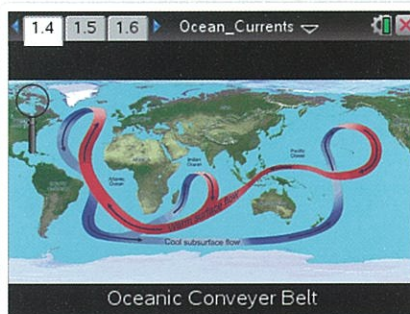
An all-in-one interactive online resource, Science Nspired offers over 175 ready-to-use lessons and activities incorporating simulations, data collection and TI-Nspire™ technology. Activities target science and STEM-related concepts such as forensic science.



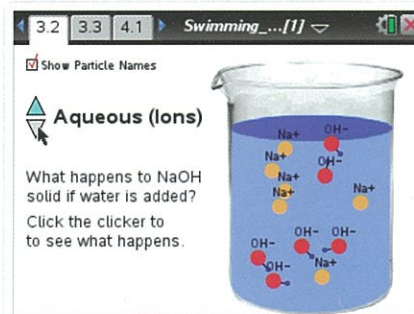
Life Science



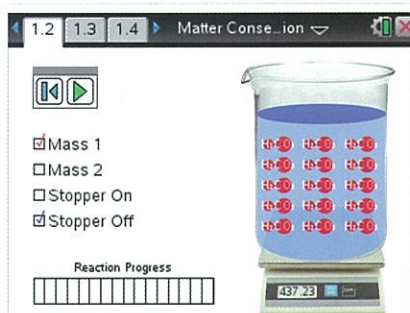
Biology



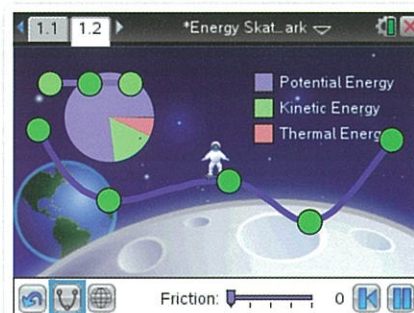
Earth Science



Chemistry



Physical Science



Physics

All lessons can be used "as is" or modified to meet your specific curricular needs to enable greater science appreciation and understanding.

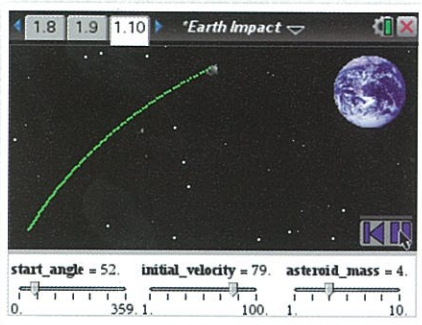
Science Nspired features include:

- » Teacher notes (PDF) and lesson guides to maximize instruction
- » Activities aligned to NGSS and state standards
- » Built-in product tutorials

STEM BEHIND Hollywood

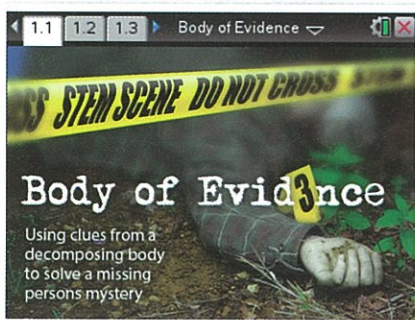
www.stemhollywood.com

With *FREE* STEM Behind Hollywood activities students apply science and math to solve problems—some involving zombies—like real-world scientists. Created by TI in collaboration with the Science & Entertainment Exchange, a program of the National Academy of Sciences, the program is designed to excite students about STEM and related careers through Hollywood-themed activities.



Earth Impact

STEM-AGEDDON! It's up to your students to save the Earth from total destruction by using Newton's Law of Universal Gravitation.



Body of Evidence

An unidentified decomposing corpse is found in a field. Before your students can figure out "whodunnit," they must use forensic anthropology skills to help detectives find out "who *IS* it?"



Science Friction!

TI-Nspire™ math and science activity grounded in the enduring action comics and film genre, puts students in the role of an arch-villain's minions who experiment with different substances to foil a STEM-tastic Superhero.



Zombie Apocalypse

Students tackle the exponential growth of a zombie horde by seeing how the growth turns into a characteristic "s" curve as the infection spreads through the human population.

Science Tools

education.ti.com/us/science

TI-Nspire™ CX Navigator™ system

Real-time assessment. Classroom management

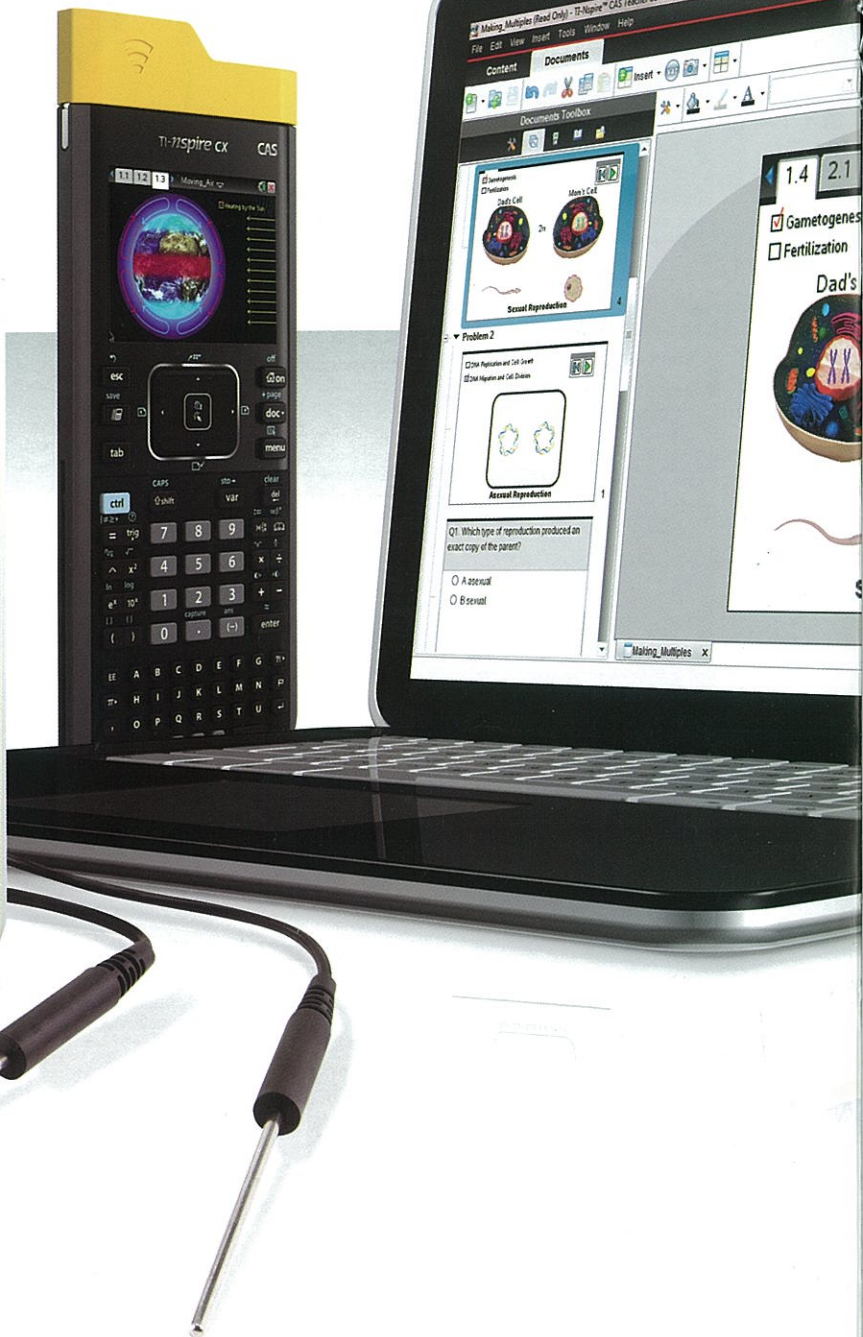
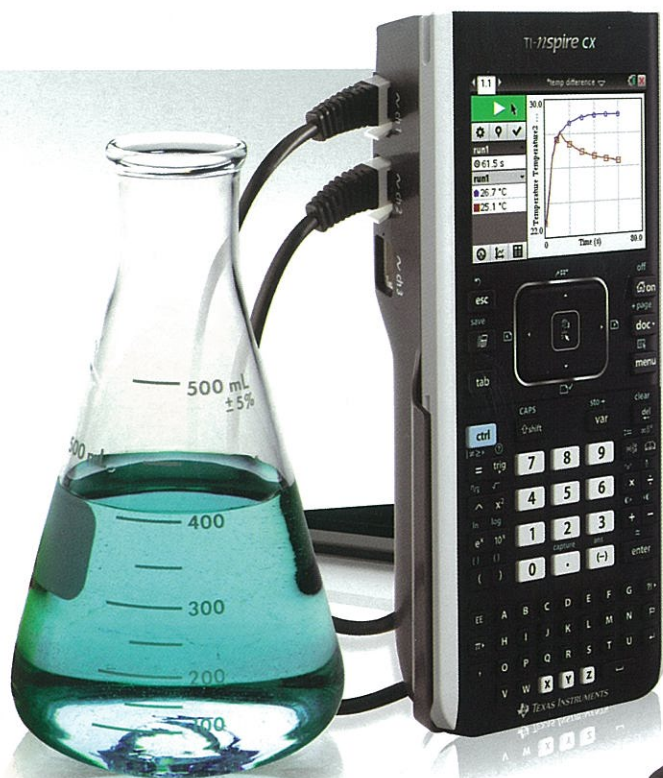
- » Wireless compact handheld and software connection
- » Quick Poll-enabled real-time formative assessment
- » Live Presenter allows students to give class presentations

DATA COLLECTION

Single sensor

Less lab time. More analysis and discussion time.

- » Fast, real-time data exploration
- » Over 40 Vernier Software & Technology sensors supported
- » Plug-and-play USB connectivity



DATA COLLECTION

TI-Nspire™ Lab Cradle

Multi-sensor data collection. Wider range of options.

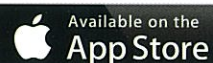
- » Fast, simultaneous data collection
- » 5 sensor ports
- » Compatible with Vernier DataQuest™ App
- » Supports over 60 Vernier and TI sensors

TI-Nspire™ Apps for iPad®

Touch, move and manipulate science.

2013 Tech & Learning Award of Excellence recipient

- » Features most of the TI-Nspire™ CX technology
- » Touch and swipe to explore interactive activities from ScienceNspired.com
- » Create documents, share lessons across different platforms and save work



TI-Nspire™ Teacher Software TI-Nspire™ Student Software

Collect data, present concepts and save documents.

- » Same capabilities as the TI-Nspire™ CX handheld
- » PC/Mac® compatible
- » Play video clips for discussion
- » Use PublishView™ to create lab reports with images and student data
- » TI-SmartView™ Emulator built-in (TI Nspire™ Teacher software)



TI-Nspire™ CX Handheld **Real science...in color.**

- » Use your own images/photos to demonstrate science concepts
- » Explore digital lessons incorporating interactive simulations
- » Data collection compatible with nearly 60 Vernier Software & Technology™ sensors
- » Accepted on SAT®, ACT® and AP® Chemistry and Physics exams

The TI-Nspire™ CX Navigator™ System

Navigate class learning and management seamlessly

The TI-Nspire™ CX Navigator™ System gives you instant visibility into student understanding and the ability to adjust instruction. With it, you can better address individual student learning needs and increase their participation.



- » **Pause Class:** remotely disable all student handhelds instantly
- » **Class Screen Capture:** view all student handheld screens simultaneously or individually
- » **Portfolio:** capture graded assignments and export them to your gradebook

"TI-Nspire™ Technology has revolutionized how I do things in the science classroom. It's made things quicker, it's made things easier, it's made things more accurate, and it's made things much cooler for my kids."

Jeff Lukens*, Biology Educator, Sioux Falls, SD

T³™ Professional Development

Making the most of your passion for teaching

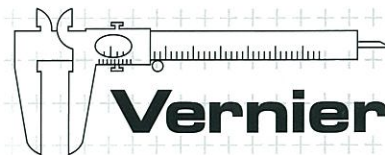
The opportunities to build on your teaching skills with TI-Nspire™ Technology are endless with T³™ Professional Development. Created by teachers for teachers, it is designed to help you adapt to the shifting educational landscape easily.



- » Maximizing TI-Nspire™ CX technology in the classroom
- » T³™ Science BOOST™-blended professional development
- » On-site workshops, online, and in-person coaching, wide selection of research-proven† programs
- » FREE webinars and tutorials
- » Ongoing support and resources

Cultivating student STEM academic achievement together

Texas Instruments (TI) fosters academic success in collaboration with Vernier Software & Technology, Kemtec™ and the Science & Entertainment Exchange, a program of the National Academy of Sciences. TI and Vernier Software & Technology have been partners in data collection technology for over 20 years. Kemtec™ has incorporated the TI-Nspire™ CX handheld into their AP® Chemistry curriculum. TI created the STEM Behind Hollywood program with the assistance of the Science & Entertainment Exchange. Together we are working with you in creating excitement and interest in STEM education and careers.



Get started now at
education.ti.com/us/science

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