



Inspiring future generations of STEM-literate citizens

Vernier Connections™ is a web-based platform that equips science teachers with interactive lessons designed to put hands-on investigation at the heart of students' learning.

Keep students engaged with real-world science

Connections' phenomenon-based learning deepens students' understanding of scientific concepts and develops critical skills like inquiry, problem solving, communication, and collaboration. Lessons are designed to keep students engaged as they progress through an inquiry cycle that guides the exploration of observable phenomena and their causes, and enables students to develop their own explanations, apply learnings in new contexts, and draw connections to their own lives.

Free up precious teacher time

A library of complete lessons and LMS integration means teachers regain hours every week typically spent searching for high-quality resources and building lessons.

Give teachers and students insight into learning progress

Formative assessment embedded throughout every lesson provides teachers with real-time insights that inform instruction and immediate, automated feedback empowers students to monitor and adjust their own learning.

Deliver accessible, relevant, and inclusive science

Built on the principles of UDL, lessons start with anchoring phenomena selected for their relevance to students and reviewed by experts in creating culturally inclusive learning experiences.

Support pedagogical versatility

Connections enables educators to adapt delivery to meet students' needs, whether facilitating independent or cooperative learning, or integrating lessons into whole-class instruction.



Key Features

Robust Content Library

Filter by standard, topic, completion time, Vernier sensor, keyword, and more to quickly find the right lesson

Hands-On Investigation

Students use Vernier probeware to collect and analyze experimental data while exploring phenomena

Multidimensional Formative Assessment

Tasks focus on student reasoning and are designed to provide evidence of mastery of the three-dimensional elements

Real-Time Progress Monitoring

The teacher dashboard makes it easy for teachers to quickly identify topics in need of review and students in need of support

The screenshot shows the 'Teacher Portal' interface for 'Connections' software. It features a search bar and a sidebar with filters for Subject, Topics, Grade level, Sensors, Time Estimate, and NGSS Alignments. The main area is titled 'Content Library' and displays a grid of lesson cards. Each card includes a topic image, a title, and a brief description of the activity. The lessons cover various subjects including Chemistry, Physics, and Biology, with topics such as 'Pressure and Volume in a Syringe', 'Trampoline Jump', 'Balance and the Visual System', 'Evaporation', 'Polarized Sunglasses', 'Do Germinating Peas Breathe?', 'Acids and Bases at Home', 'Got Lactase?', 'Simple Harmonic Motion', and 'Energy and Food'.

Searchable library of digital interactive and hands-on lessons

Built for every district



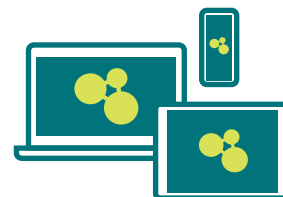
Standards-aligned

3D learning designed for the NGSS and aligned with the TEKS



Integrates with every major LMS

Single sign-on, automated class rostering, and assignment scores sent to the LMS with one click



Access anywhere, on any device

Access lessons from any device using the Chrome browser and continue work outside of class, even when you're offline



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Learn more at
[vernier.com/connections](https://www.vernier.com/connections)