Get students comfortable and confident for

Tennessee Comprehensive Assessment Program

Each BrainPOP lesson—whether it's in social studies, science, math, ELA, or the arts—includes movies and activities that give students practice in the knowledge and skills they'll need to feel confident on test day.
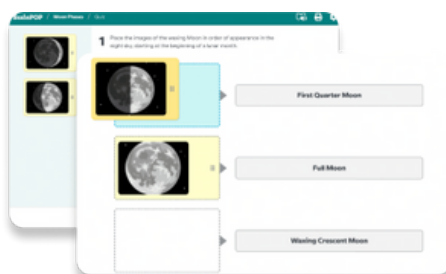
TCAP expectation for students	Students' experience on BrainPOP (for grades 3-8)

Answer Technology-Enhanced Item (TEI) question types— which students often find more challenging.

Auto-graded learning activities and embedded assessments mirror TEIs in format and rigor, letting students practice their technological skills, demonstrate their understanding, and build testing confidence all year long.
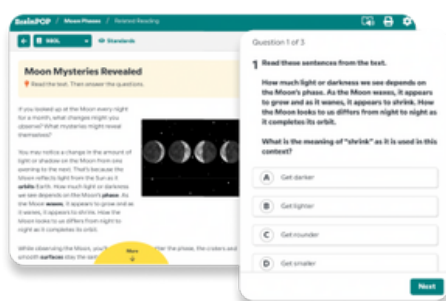
TEIs require that students think critically and deeply—and use problem-solving skills—to answer questions.

From evaluating sources to extracting key details and interpreting unfamiliar words, **students develop, practice, and apply skills** alongside everything they learn.

Demonstrate a wide breadth of **content knowledge and comprehension and technological skills** in a limited amount of time.
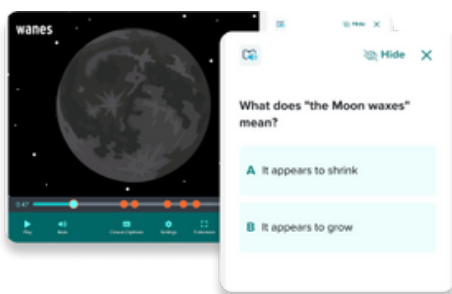

BrainPOP's cross-curricular approach combines **content instruction and skill practice into one time-saving lesson** to make the most of every instructional minute.

Meet the needs of the Tennessee Academic Standards

Explore how BrainPOP aligns to your standards here.

Prepare and empower middle school students for the

Tennessee Comprehensive Assessment Program - Science

BrainPOP Science's investigations and engineering projects provide standards-aligned ways to nurture middle schoolers' innate scientific curiosity—while simultaneously preparing them for their assessments.
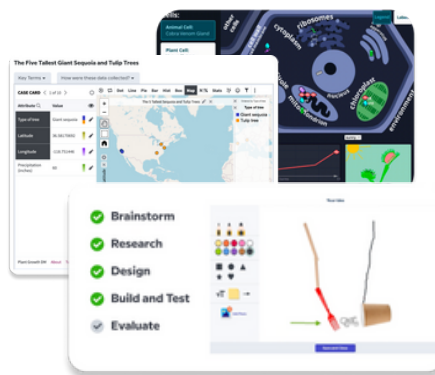
TCAP Science Multidimensional Expectation

Students' Experience on BrainPOP Science

Students are expected to know more than the standards and scientific principles. They need to be able to "practice the practices."

Standards-aligned investigations and real-world engineering projects are designed to integrate science practices—like computational thinking and the design process —with scientific concepts.
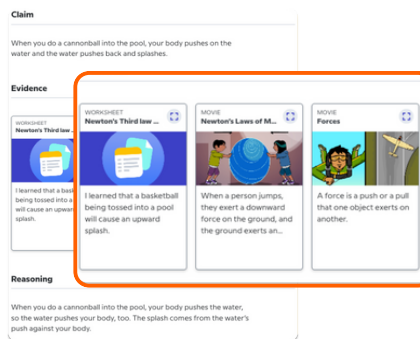
Students will need to **build explanations, use evidence to craft arguments, and obtain, evaluate, and communicate information.**

The CER writing process is embedded into BrainPOP Science: it guides students through collecting observations, deciding which become evidence, and writing (and supporting) an evidence-based claim.

Students will navigate technology-enhanced question types (TEIs), which are constructed to engage students' critical thinking and problem-solving skills.

Technology-enhanced question types and multidimensional science content are **built into BrainPOP Science's formative assessments—** giving students consistent practice in both all year long.

Meet the needs of the Tennessee Academic Standards

PROMISING 2023
ESSA LEVEL III

Did you know that BrainPOP Science's approach is proven to improve students' evidence-based writing by **up to 20%?**

Learn more at
brainpop.com/classroom solutions/research

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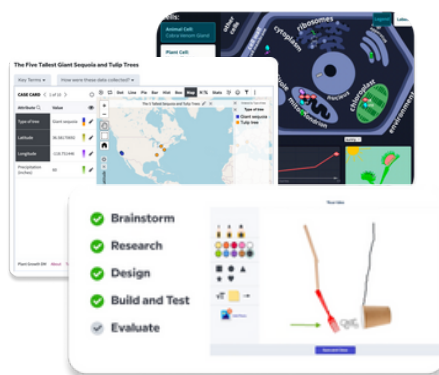
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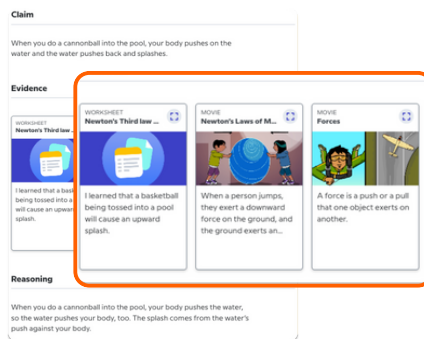

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Supporting Tennessee Academic Standards for Science with BrainPOP

BrainPOP grows with students from Kindergarten through 8th grade, keeping them engaged and challenged while learning their grade-level standards. Here's an example of what a student might learn, do, and see over the years on BrainPOP—as well as the standards behind them.

Earth & Human Activity standards

Kindergarten

Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment.

4th Grade

Obtain and combine information to describe that energy and fuels are derived from natural resources and their uses affect the environment.

7th Grade

Engage in a scientific argument through graphing and translating data regarding human activity and climate.

Sample activities within BrainPOP

Reduce, Reuse, Recycle Topic

- **Engage students and build background knowledge**
  Watch the movie as a whole class.
- **Showcase student understanding**
  Use Draw About It to brainstorm ways students can reduce reuse and recycle in their lives.
- **Practice and apply critical thinking**
  Students use whiteboards to share their responses as they take the quiz together.
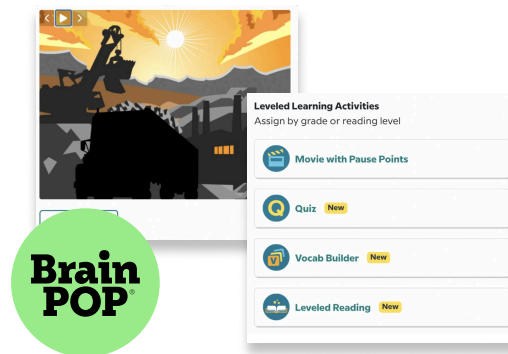
Natural Resources Topic

- **Build background knowledge**
  Assign the movie with Pause Points.
- **Deepen knowledge while practicing comprehension skills**
  Assign a Leveled Reading to explore connected topics.
- **Practice and apply new knowledge**
  Use Make-a-Movie to combine the information learned from the two resources.
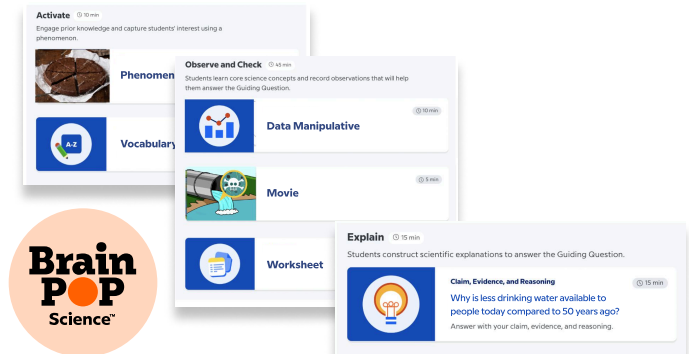
Human Use of Natural Resources Investigation

- **Explore science concepts and practices**
  Use a variety of resources to make observations and identify related evidence.
- **Apply writing and reasoning skills with CER**
  Craft an explanation to answer "Why is less drinking water available to people today compared to 50 years ago?"