

## Get students comfortable and confident for the Standards of Learning Assessments

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.



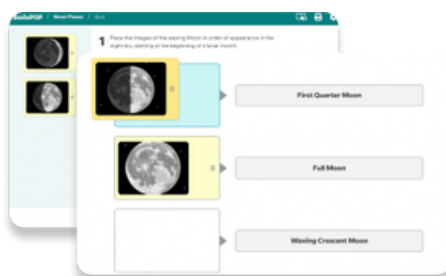
### SOL expectation for students

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

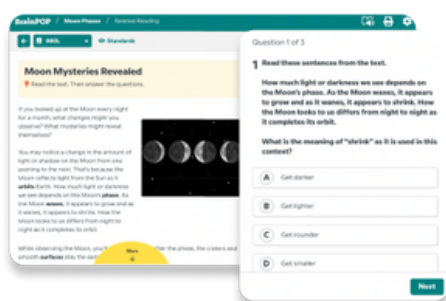
**TEIs require that students think critically and deeply**—and use problem-solving skills—to answer questions.

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

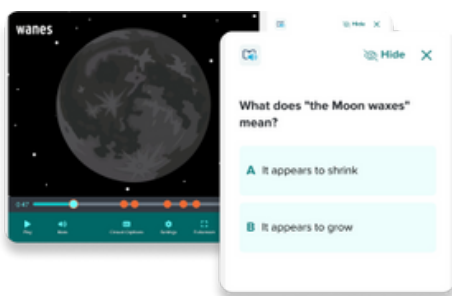
### Students' experience on BrainPOP (for grades 3-8)



✓ **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.



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



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

# Supporting the Virginia Literacy Act with BrainPOP®



BrainPOP helps students of all reading levels build the background knowledge and vocabulary they need to both **engage with evidence-based literacy curriculum** and **strengthen language comprehension**—all in a way that they genuinely enjoy.

## Elements of skilled reading

## How BrainPOP supports

### Language Comprehension

#### Background knowledge

#### Vocabulary

Language Structures

Verbal Reasoning

Literacy Knowledge

### Word Recognition

Phonological Awareness

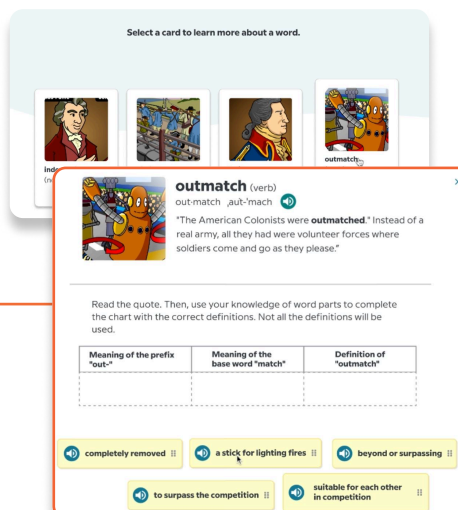
Decoding (and spelling)

Sight Recognition



**Accessible:** Movies build knowledge with visual and auditory elements that are accessible for students of all reading levels—much like a knowledge-rich read-aloud.

**Reading Scaffolds:** Give students word and sentence-level support for every part of texts connected to the movie—helping them practice reading skills in a low-stakes environment and access more background information.



**Tier 2 Vocab:** Vocab Builder activity gives depth (encouraging the use of context clues, etc.) and breadth (teaching high-frequency words connected to the movie).

**Tier 3 Vocab:** Movies showcase topic-specific vocabulary in context.

# Raise the bar for multidimensional science in Virginia

BrainPOP Science's inquiry-driven investigations and real-world engineering projects align with **Science Standards of Learning** to empower middle schoolers to discover the science in everything.



Strengthen science practices while boosting writing and critical-thinking skills



Prepare for end-of-year testing with integrated SEPs and assessments



Expand teacher capacity with built-in teacher guides and clickable rubrics

## Prepare Virginia middle schoolers for high school science

**Over 100 immersive investigations** center around relatable guiding questions and phenomena to nurture innate scientific curiosity as students interact with 3D Worlds™, Simulations, and Data Manipulatives.

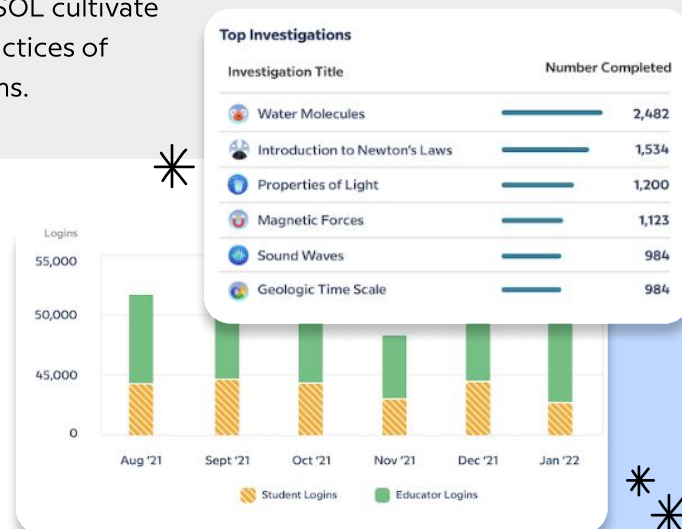
- Middle school students are prepared for science testing by engaging with the principles of the Engineering Design Process (EDP). Teachers are equipped with actionable data to refine instruction with practice opportunities reflective of the Virginia Standards of Learning (SOL) assessment.
- Embedded formative assessment and immersive tools not only build confidence in your 5th and 8th graders for the SOL assessment, but also give real-life opportunities to hone critical-thinking skills as they discover the science in everything.
- Our ready-to-use investigations aligned with Virginia's Science SOL cultivate middle schoolers' innate curiosity, while integrating the EDP practices of identifying problems, creating prototypes, and iterating solutions.



**New this year**

## Enhanced reports with new teacher insights

See how teachers and students are using BrainPOP Science in real-time to support instructional decisions.



# Prepare and empower middle school students for the Science Standards of Learning

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.



## SOL Science Multidimensional Expectation

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

Students will need to **build explanations, use evidence to craft arguments, and obtain, evaluate, and communicate information.**

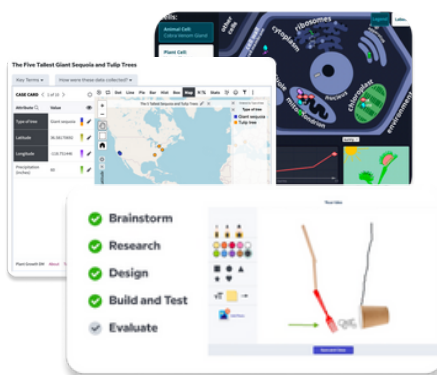
**Students will navigate technology-enhanced question types (TEIs),** which are constructed to engage students' critical thinking and problem-solving skills.



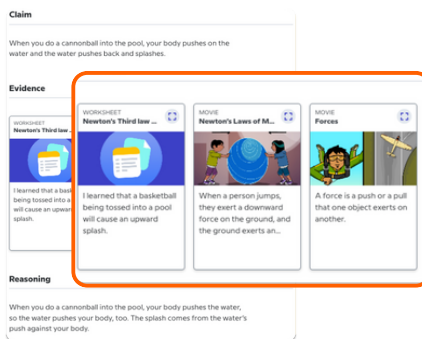
**Meet the needs of the SOL**

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

## Students' Experience on BrainPOP Science



✓ **Standards-aligned investigations and real-world engineering projects** are designed to integrate science practices—like computational thinking and the design process—with scientific concepts.



✓ **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.



✓ **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.

**Learn more at**

[brainpop.com/classroom-solutions/research](https://brainpop.com/classroom-solutions/research)