SUMMIT K12

2024

DYNAMIC IPC

Empowering ALL Texas Learners to Reach their Summit

Built By Texas Educators For Texas Educators

Texas based publisher with curricula created by over 75 current and former Texas educators

Built for Texas TEKS-SEPs-RTCs-ELPS

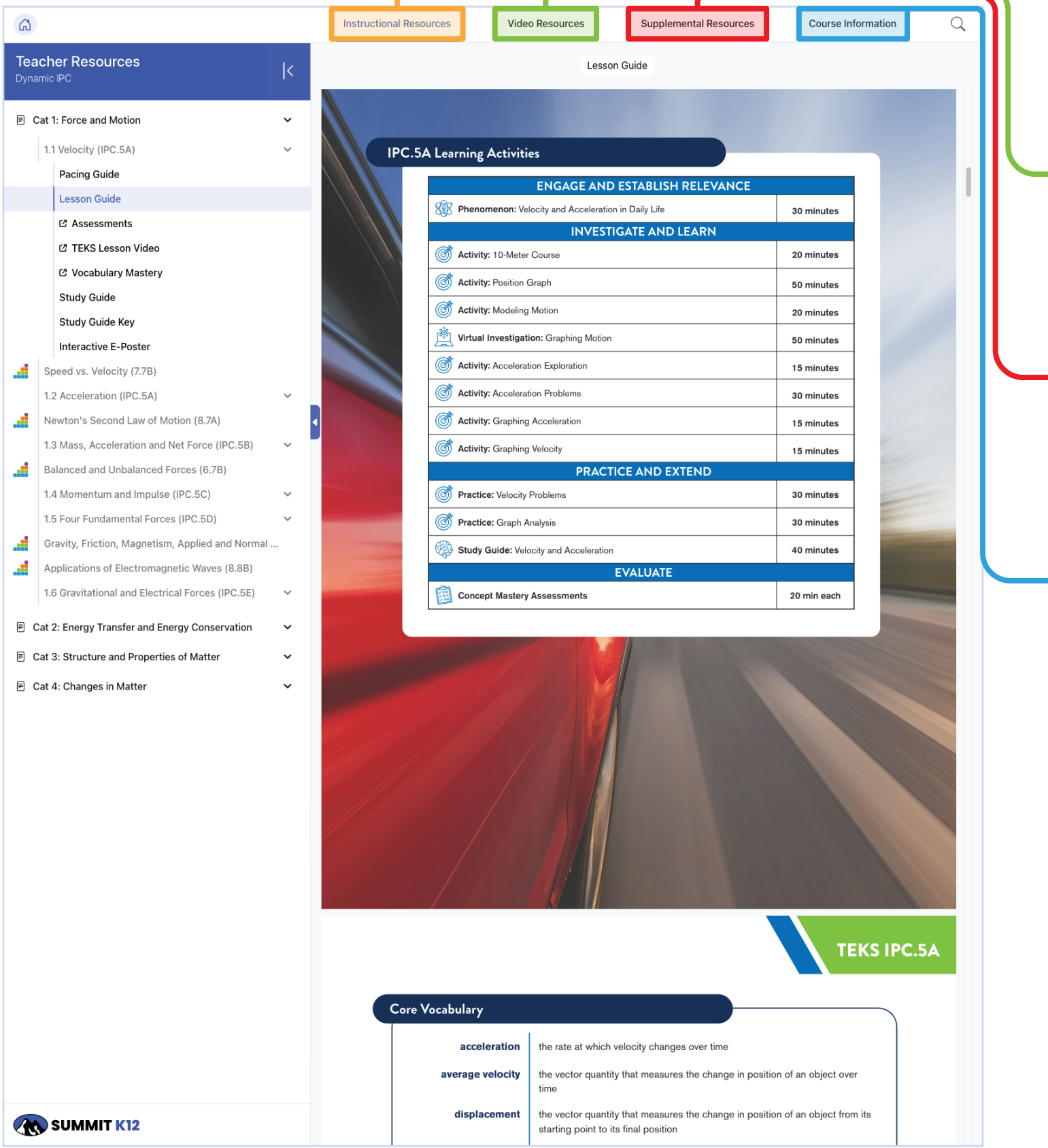
Ready to Learn More?

Scan the QR code to visit our website

SBOE Approved!

K-8 English, K-6 Spanish
Biology, Chemistry, Physics, IPC
100% TEKS/100% ELPS

Concise and Complete
Teacher Supports



INSTRUCTIONAL RESOURCES

Pacing Guides
Lesson Guides
Assessments
TEKS Lessons/Videos
Vocabulary Mastery
Study Guides/Keys
Interactive E-Posters

VIDEO RESOURCES

Phenomena
TEKS Lesson Videos/Simulations
Texas Virtual Field Investigations
Kate the Chemist Labs

SUPPLEMENTAL RESOURCES

Introduction to Science
SEPs Background/Vocabulary
Science Literacy
Graphic Organizers

COURSE INFORMATION

Pacing Guide
5E Model
Phenomena
Science Lab Explorations
TEKS-SEPs-RTCs Crosswalk

TEACHER SUPPORTS INCLUDE:

- Lesson and Lab Guides
- Scope and Sequence
- Pacing Guides
- Reports and Dashboards
- Anchoring Phenomena Table
- 3D Teaching and Learning
- Image Bank
- Science E-Books
- Formative Assessments
- Year-Round Responsive Support
- Asynchronous Online Teacher Training
- Zoom and Onsite Professional Development

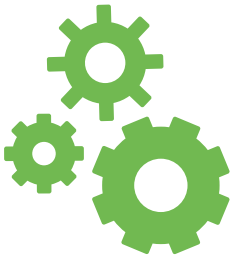
ASSESSMENT BANK

Date Created	Custom Assessment Name	Avg. Score	PLD	Assign
9/28/24	Velocity and Acceleration review	65%	Approaches	
11/4/24	Mass, Acceleration, and Net Force Quiz	87%	Meets	
12/4/24	Energy Transfer and Energy Conservation Test	92%	Masters	
1/12/25	TEKS IPC.7A Atomic Structure quiz	81%	Meets	
2/3/25	Unit 3.5 (IPC.7F) quiz	90%	Masters	
3/2/25	Dr. Kate's Changes in Matter Exam	Start		

Robust assessment bank including new item types.

Teaching Science through Phenomena using the 3D Model

Science TEKS Content Standards



Scientific and Engineering Practices

Recurring Themes and Concepts

TEKS-SEPs-RTCs Crosswalk

Subject	Category	SEPs TEKS	Dynamic IPC TEKS Lessons, Labs, Investigations, and Explore Activities																					Totals by SEPs
			1.1	1.2	1.3	1.4	1.5	1.6	2.1	2.2	2.3	2.4	2.5	2.6	2.7	3.1	3.2	3.3	3.4	3.5	4.1	4.2	4.3	4.4	
IPC	Scientific and engineering practices	IPC.1A		X				X		X							X							X	5
IPC	Scientific and engineering practices	IPC.1B				X		X	X	X			X							X	X	X		X	9
IPC	Scientific and engineering practices	IPC.1C										X								X	X	X			4
IPC	Scientific and engineering practices	IPC.1D							X	X	X										X	X			5
IPC	Scientific and engineering practices	IPC.1E			X			X		X	X	X	X						X			X			8
IPC	Scientific and engineering practices	IPC.1F		X	X		X	X			X		X			X		X		X				X	10
IPC	Scientific and engineering practices	IPC.1G					X	X	X		X	X		X		X						X			8
IPC	Scientific and engineering practices	IPC.1H				X	X																		2
IPC	Scientific and engineering practices	IPC.2A						X			X					X			X						4
IPC	Scientific and engineering practices	IPC.2B	X		X	X					X		X												5
IPC	Scientific and engineering practices	IPC.2C	X	X	X	X																X			5
IPC	Scientific and engineering practices	IPC.2D				X				X			X									X			4
IPC	Scientific and engineering practices	IPC.3A	X		X	X	X		X		X				X	X	X	X	X	X	X	X	X	X	16
IPC	Scientific and engineering practices	IPC.3B	X			X			X	X				X	X	X	X		X	X		X	X	X	13
IPC	Scientific and engineering practices	IPC.3C	X			X								X	X				X				X		6
IPC	Scientific and engineering practices	IPC.4A											X			X	X	X	X		X			X	7
IPC	Scientific and engineering practices	IPC.4B		X		X	X				X			X		X	X		X			X		X	10
IPC	Scientific and engineering practices	IPC.4C																	X				X		2
IPC	Recurring themes and concepts		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	22
Totals by Unit			6	5	6	10	6	7	6	7	9	4	7	5	4	8	6	4	9	6	6	11	5	8	145

Kate the Chemist K-12 Video Series

Summit K12 has teamed up with UT Austin Professor and best-selling science author, Dr. Kate Biberdorf, to create Phenomena-based videos specifically for the 2024 Science TEKS.

- K-12 Phenomena-Based Videos
- Teacher Pre-Lab Prep Videos
- Student Pre-Lab Videos
- Full Length Virtual Science Lab Videos

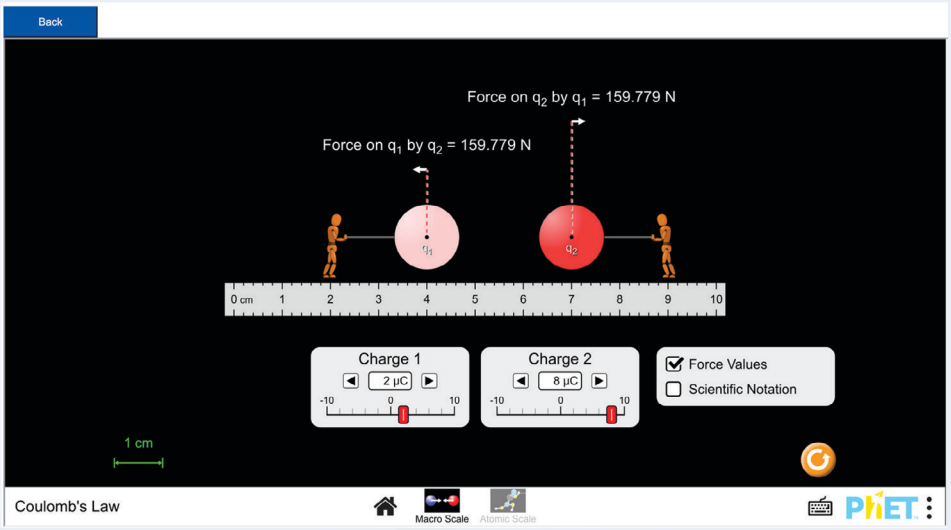
K-12 Texas Virtual Field Investigations

ALL K-12 students will have the opportunity to investigate phenomena throughout dozens of the most popular state parks and engineering marvels in Texas.

The 2024 TEKS Virtual Field Investigations series was created specifically for the Texas Science Adoption.

Hands on Investigations and Virtual Labs

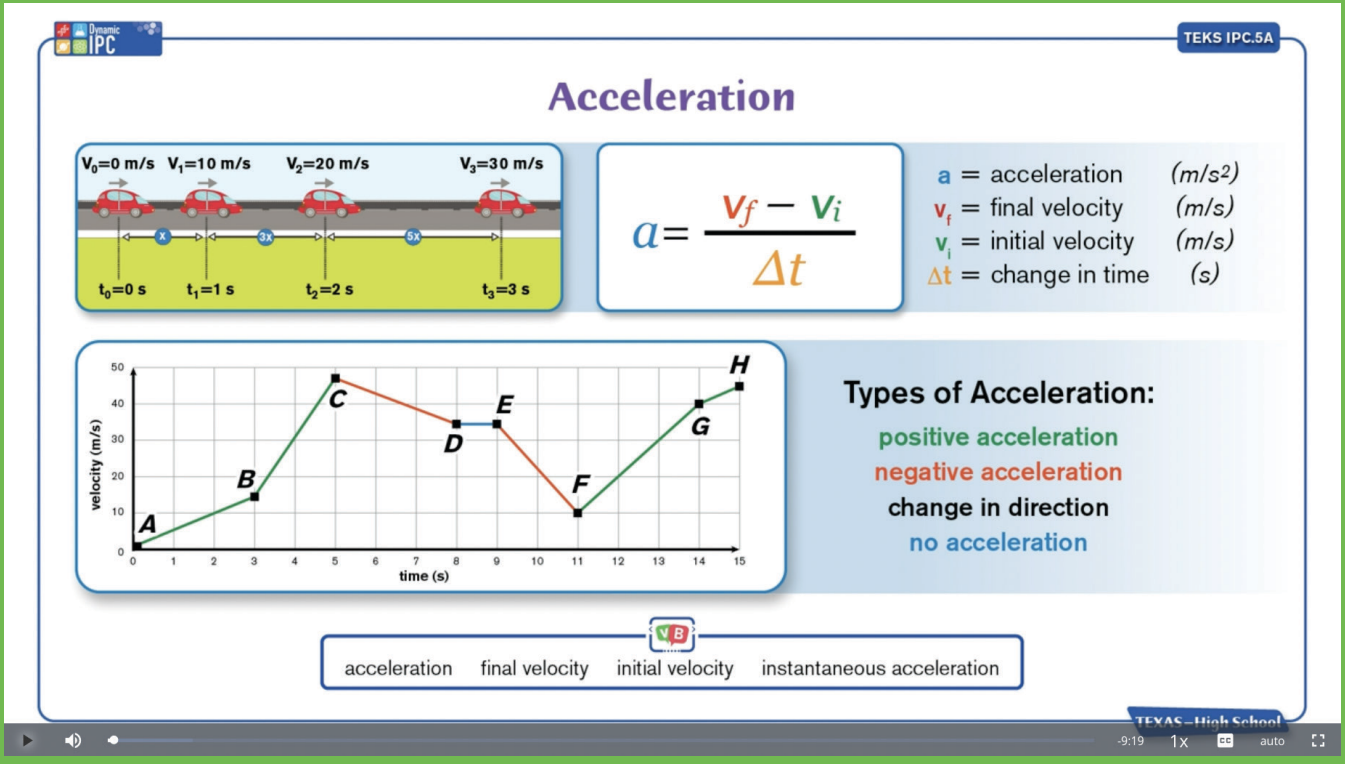
Comparative, Descriptive, and Experimental Investigations to engage students and support sensemaking.



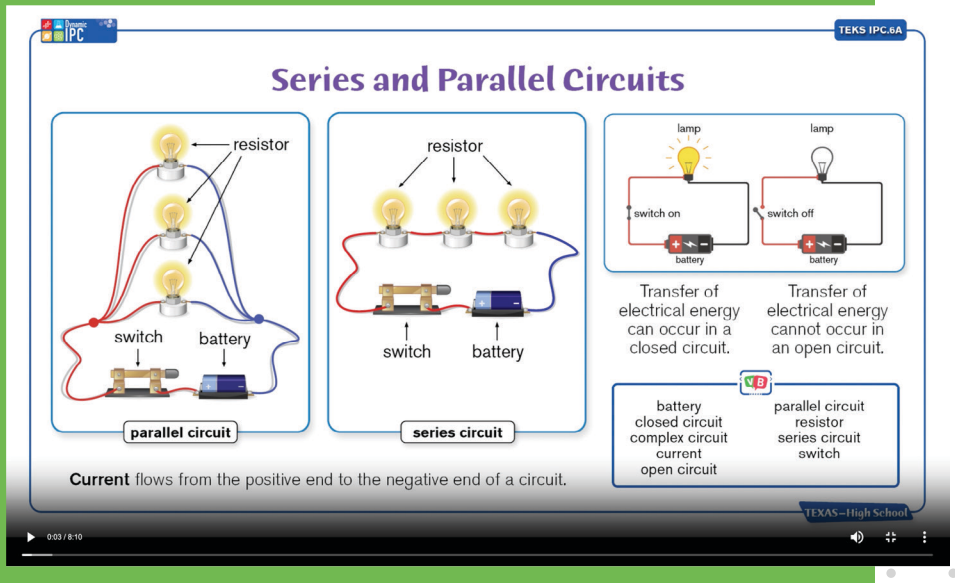
PhET™ INTERACTIVE SIMULATIONS

Includes Summit K12 Lab Guides developed to support the 2024 Science TEKS.

High Quality TEKS Lesson Videos



- 100% of the IPC Content TEKS and SEPs include high quality Lesson Videos
- 100% of the Videos were specifically created for 2024 K-12 Science TEKS by Texas Science Educators and authors along with a team of Professional Documentary Film Editors and storytellers



Formative and Summative Assessments and Assessment Bank

Create a Custom Assessment

Assessment Name: Dr. Kate's Changes in Matter Exam

Number of Items: 10

Select Item Types: MC, MS, DD, SCR, MP

Select Units to include:

% Dual-coded: 40%

Force and Motion	Energy Transfer and Conservation	Structure and Properties of Matter	Changes in Matter
Velocity	Series and Parallel Circuits	Atomic Structure, Bonding, Reactivity, and the Periodic Table	**Chemical Changes**
Acceleration	Electromagnetic Induction	Patterns of Elements' Physical and Chemical Properties in the Periodic Table	**Chemical Equations and Conservation of Mass**
Mass, Acceleration, and Net Force	Conservation of Energy	Physical and Chemical Properties in Everyday Life	**Nuclear Reactions - Advantages and Disadvantages**
Momentum and Impulse	Thermal Energy: Conduction, Convection, Radiation	Atomic Energy Levels, Emission Spectra, and Wave Particle Duality	**Environmental Impact of Chemical Reactions**
Four Fundamental Forces	Transfer of Energy by Waves		
Gravitational and Electrical Forces	Waves Interference, Reflection, and Refraction		
	Renewable and Nonrenewable Resources		

Select Options, then Create → **Create**

The NEW Assessment appears in the table and is ready to assign to your class

Assessment Bank

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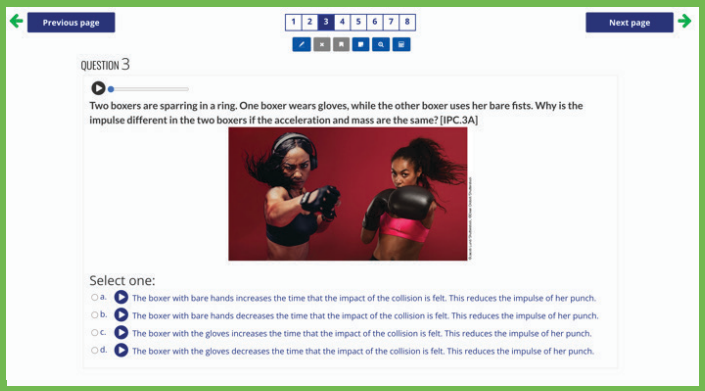
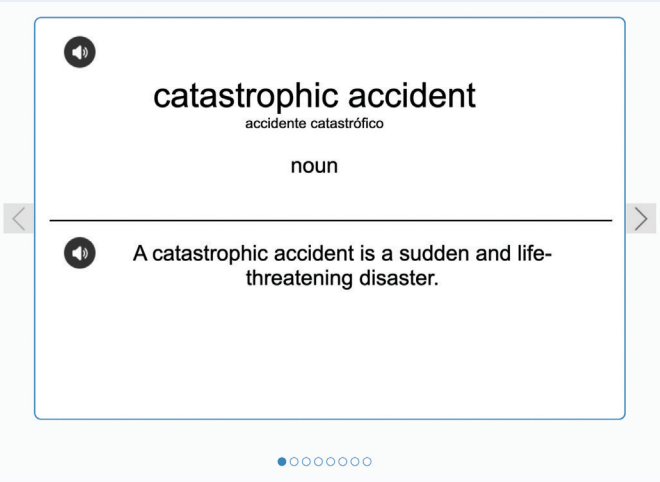
Create New

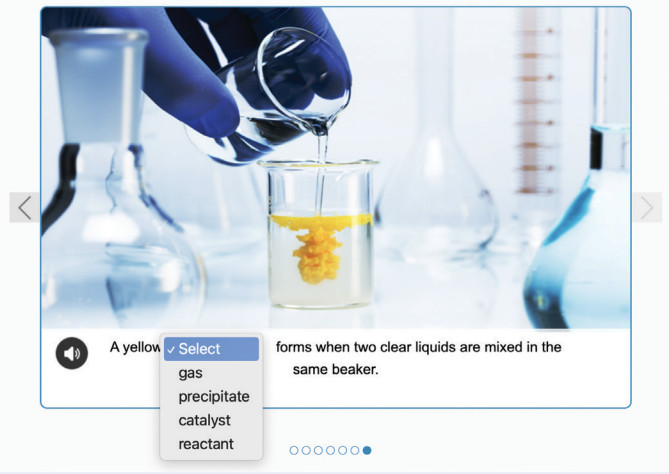
Includes Items Written for the 2024 TEKS



Vocabulary Mastery

TEKS Content Vocabulary | Science Tools Vocabulary | SEPs & RTCs Vocabulary | Science Cognates





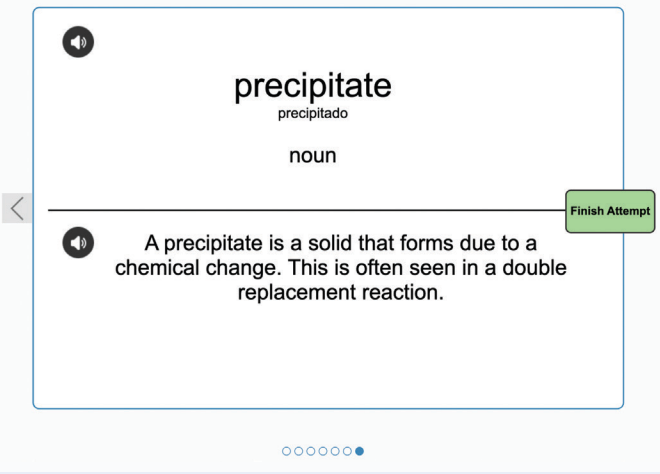


Image Bank

- 500-1,000 images per grade level/subject
- Minimum 15-25 images per content TEKS
- Images for all SEPs Vocabulary Words
- Images for all Science Tools Vocabulary

Comprehensive
Professional Development

Professional Development for ALL Stakeholders

- Science Coordinators
- Science Teachers
- Principals & Superintendents
- Parents/ Guardians
- Instructional Coaches

SCIENCE COORDINATOR IMPLEMENTATION PD

INITIAL TEACHER TRAINING

TEKS CHANGES BY GRADE LEVEL

TEACHING WITH PHENOMENA

DELIVERY MODELS
- Asynchronous, Zoom, and On-site

DIFFERENTIATION/ACCELERATION

SCIENCE-LITERACY/VOCABULARY

3D TEACHING & LEARNING

"Every student in Texas will be deeply involved in the doing of science and sensemaking."

"We need to prepare teachers to teach science in a different way, but we also need to help principals understand that [the new 3D] science classrooms are going to look and sound different than[current classrooms]."

DR. LINDA COOK

Dr Linda Cook's experiences include Extensive Professional Development Work and presentations related to the Framework for K-12 Science Education; Ready, Set, Science.

- Summit K12 Professional Development Strategy and Implementation Planning
- NSELA Professional Development Committee 2023-2026
- NSELA President-Elect, President, and Past President 2020-2023
- President of the Metroplex Area Science Supervisors (2009-2010)
- Director of K-12 Science, Coppell ISD, 15 years
- PhD Curriculum and Instruction focused on Global Science Education

EASY • EFFICIENT • EFFECTIVE

Printed 3D Student Activity Books and Teacher's Editions

Student and Teacher Editions designed for **doing** science.

Convenient, Pre-packaged Classroom Lab Kits

ward's science

In partnership with Ward's Science

SUMMIT K12

2024

DYNAMIC SCIENCE
State Adoption Pricing

K-8th Grade English/Spanish, Biology, Chemistry, Physics, IPC

$6.95 PER STUDENT/YEAR*
*8-year Online Package with Print Teacher's Edition

= **Best Value** *(up to 50% off)*

DYNAMIC SCIENCE ONLINE PACKAGES
COMPREHENSIVE 100% TEKS/ELPS STATE APPROVED

PACKAGE	TOTAL PRICE	PRICE PER YEAR
Online 1-Year	$10.95	$10.95
Online 2-Year	$19.90	$9.95
Online 4-Year	$31.80	$7.95
Online 8-Year	**$55.60**	**$6.95**

DYNAMIC SCIENCE ONLINE + PRINT PACKAGES
COMPREHENSIVE 100% TEKS/ELPS STATE APPROVED + PRINT TE

PACKAGE	TOTAL PRICE	PRICE PER YEAR
Online 1-Year + Print TE	$13.95	$13.95
Online 2-Year + Print TE	$23.90	$11.95
Online 4-Year + Print TE	$35.80	$8.95
Online 8-Year + Print TE	**$55.60**	**$6.95**

3D Student Consumable Print K-12 *(from 1-8 Years, up to 25% off)*

Science Lab Investigation Kits *(starting at $1,345 per classroom)*