

2024

DYNAMIC PHYSICS

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

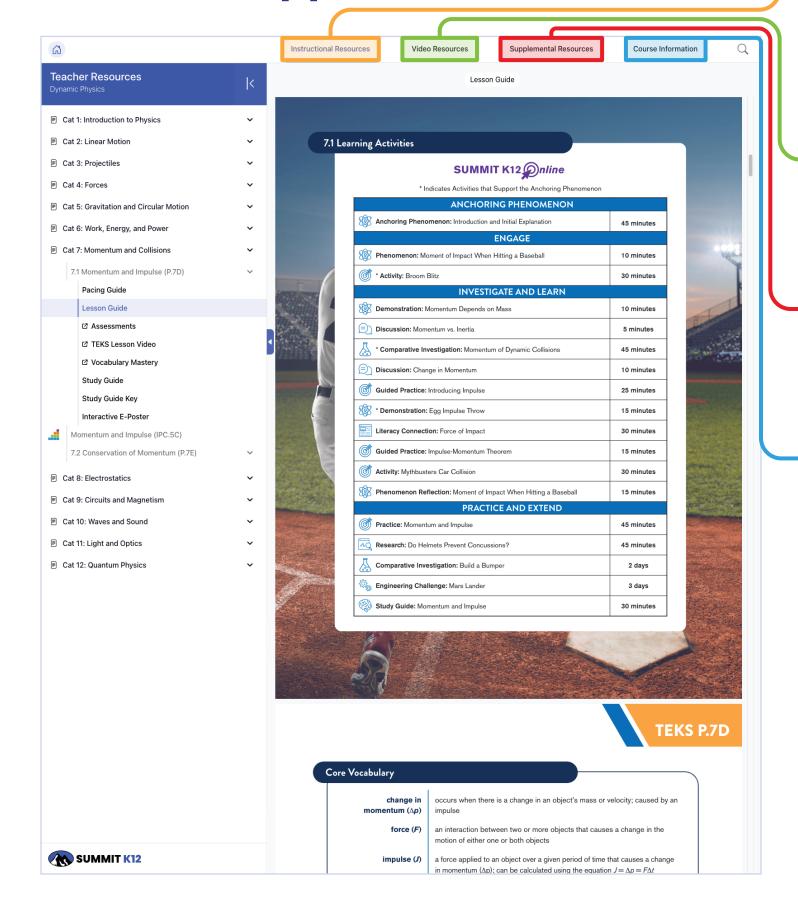
to visit our website



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	Unit 2 Linear Motion Review	65%	Approaches	
11/4/24	Unit 3 Projectiles Quiz	87%	Meets	
12/4/24	Unit 4 Forces Extra credit	92%	Masters	
1/12/25	Unit 7 Momentum and Collisions Test	81%	Meets	
2/3/25	Unit 8 Electrostatics	90%	Masters	a
3/2/25	Dr. Kate's Unit 10 Waves and Sound Test	Start		â

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

	SEPs Dynamic Physics TEKS Lessons, Labs, Investigations, and Explore Activities									Totals																													
Subject	Category	TEKS	1.1	2.1	2.2	2.3 2	.4 3.	1 3.2	2 3.3	3.4	4.1	1.2	1.3 4	.4 5	.1 5.	2 6.	1 6.2	6.3	6.4	7.1	7.2	8.1 8	3.2 9	.1 9.:	2 9.3	9.4	9.5	9.6	10.1	10.2	10.3	10.4	11.1	11.2	11.3	12.1	12.2	12.3	by SEPs
Р	Scientific and engineering practices	P.1A	х		х					х	х						×		x	х	х		x					х	х				х						12
Р	Scientific and engineering practices	P.1B	х		х					х	х)	K	>	(x		х	х	х	х	х			х			х		х		х			х	х		18
Р	Scientific and engineering practices	P.1C	х		х	×		x	х	П						>	(х	х	x)	<							х	х	х						13
Р	Scientific and engineering practices	P.1D	х	х		×	×		x		×										x	×)	< x	X	х	х	х		x	х	×	х	х	х		×		21
Р	Scientific and engineering practices	P.1E	х			×		X	Х	х	х	×		x >	× >	(>	(x	х	х		X	x	x :	< x	X	Х		х	Х	х	х	×	х	х	х	Х	х	Х	32
Р	Scientific and engineering practices	P.1F	х	х	х	x :	x x	(x	х	х	х	x	x	x)	x >	()	(x	х	х		х	х	x 2	(x	X	х	х	х	х	х	х	х	Х	х	х			x	36
Р	Scientific and engineering practices	P.1G		х	х	×			X	х			x	×	>	C			х		х	х	x 2	< x	X	х	х	х	х	х	х	х		х	х	х	х	х	27
Р	Scientific and engineering practices	P.1H	х)	×								X	X				х											5
Р	Scientific and engineering practices	P.2A					x x												x					×			X										×		6
Р	Scientific and engineering practices	P.2B	х	х	х	×		×			×		×)	× >	(>	(x	х	х	х	х		x :	< x	×	х			х	х	х			X	х	х	х	X	28
Р	Scientific and engineering practices	P.2C	Х	х	х	x :	x x	X	X	х	x	×		x)	x >	()	(x	Х	х	Х	х	x	x 2	< x	X	Х	Х		Х	х	х		Х	х	Х	Х	Х		35
Р	Scientific and engineering practices	P.2D	Х		х					x	x							x	х	х									Х							Х			9
Р	Scientific and engineering practices	P.3A	Х		х	×	×	(X	х	х	x	x	x)	x >		(x		X	х	х	x	x 2	< x	X	х	Х	х	Х	х	х	х		х	Х	Х	Х	х	34
Р	Scientific and engineering practices	P.3B	х	х	х	x :	××	×	X	x	x	x	x :	x)	x >	()	(x	x	х	х	х	x	x :	< x	X	x	х	х	Х	х		×	х		х	Х	X	X	37
Р	Scientific and engineering practices	P.3C									x	×		×			X		X	х	х	x	X		×		х			х	х		Х	х				×	16
Р	Scientific and engineering practices	P.4A	х		х	×	×		X	х	х	x	X)	K		X	L	X	х	х		X					х	Х	х				х		Х	Х		21
Р	Scientific and engineering practices	P.4B	х																	х	х	х)	<				х				Х	Х		Х		×	х	11
Р	Scientific and engineering practices	P.4C	х											X							х							х							Х			Х	6
Р	Recurring themes and concepts			х	х	x :	x x	X	Х	х	х	х	x :	x >	x >	()	(x	x	х	х	х	x	x 2	< x	X	х	х	х	х	Х	Х	х	Х	х	х	Х	Х	х	38
	Totals by Unit		15	7	12	11	5 8	7	10	11	13	8	7	9 1	0 8	3 9	11	7	14	12	16	12	13 1	1 1	10	10	9	12	12	11	11	9	11	10	11	10	12	10	405

Kate the Chemist K-12 Video Series



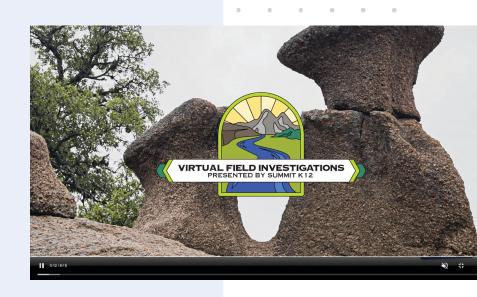
Summit K12 has teamed up with UT Austin Professor and best-selling science author, Dr. Kate Biberdorf, to create Phenomena-based videos specifically for the 2024 Science TEKS.

- 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.

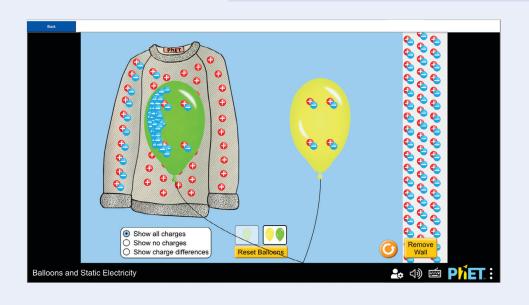


Hands on Investigations and Virtual Labs

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



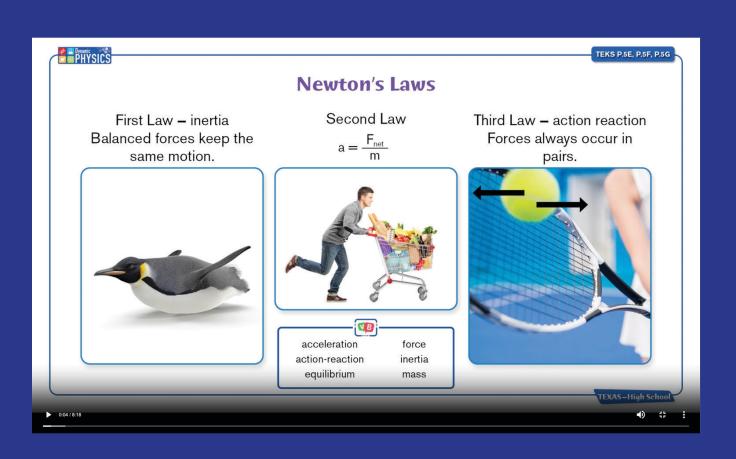




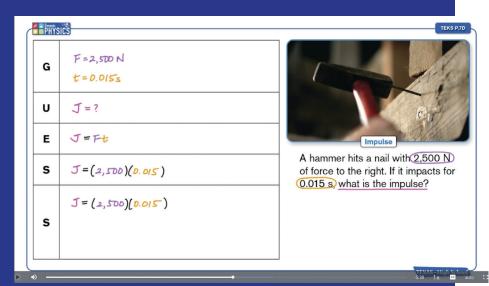


Includes Summit K12 Lab Guides developed to support the 2024 Science TEKS.

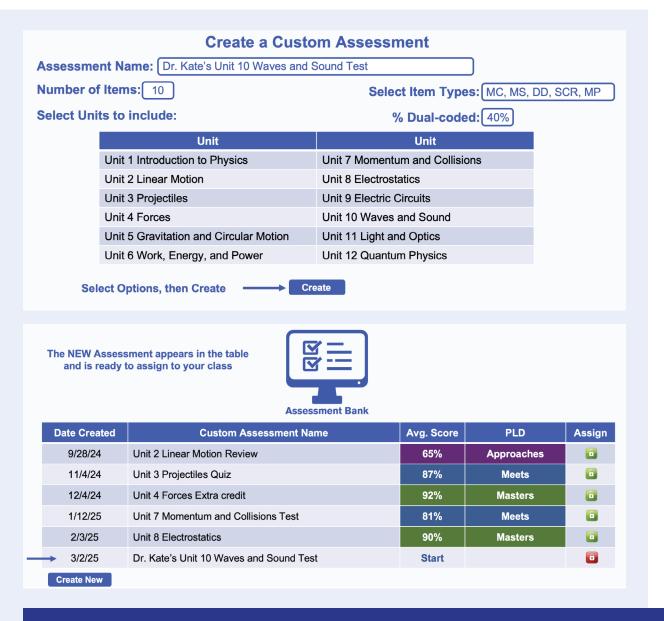
High Quality TEKS Lesson Videos



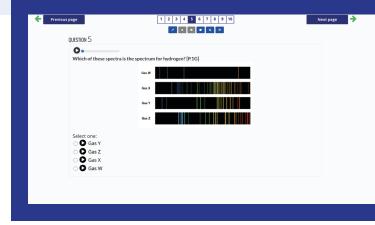
- 100% of the Physics Content TEKS and SEPs are supported with high quality Lesson Videos
- 100% of the Videos were specifically created for 2024 K-12 Science TEKS by Texas Science Educators and authors along with a team of Professional Documentary Film Editors and storytellers



Formative and Summative Assessments and Assessment Bank



Includes Items Written for the 2024 TEKS

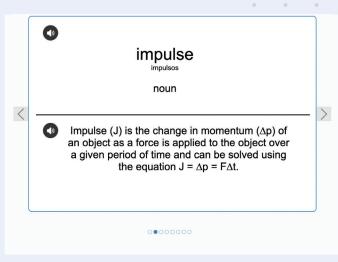




Vocabulary Mastery

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







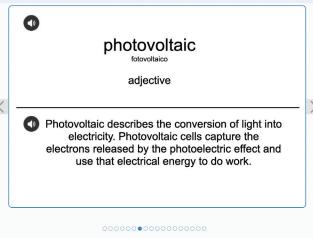


Image Bank

- 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]."



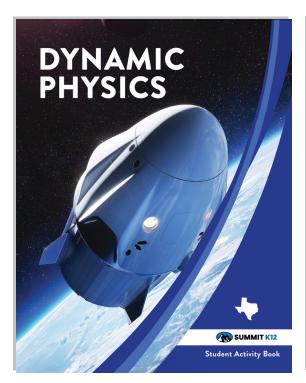
DR. LINDA COOK

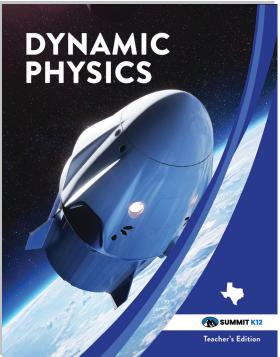
Dr Linda Cook's experiences include Extensive Professional Development Work and presentations related to the Framework for K-12 Science Education; Ready, Set, Science.

- 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

3D Student Activity Books (Printed)





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

Convenient, Pre-packaged Classroom Lab Kits







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

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)