SUMMIT K12

2024

3RD - 5TH DYNAMIC SCIENCE

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

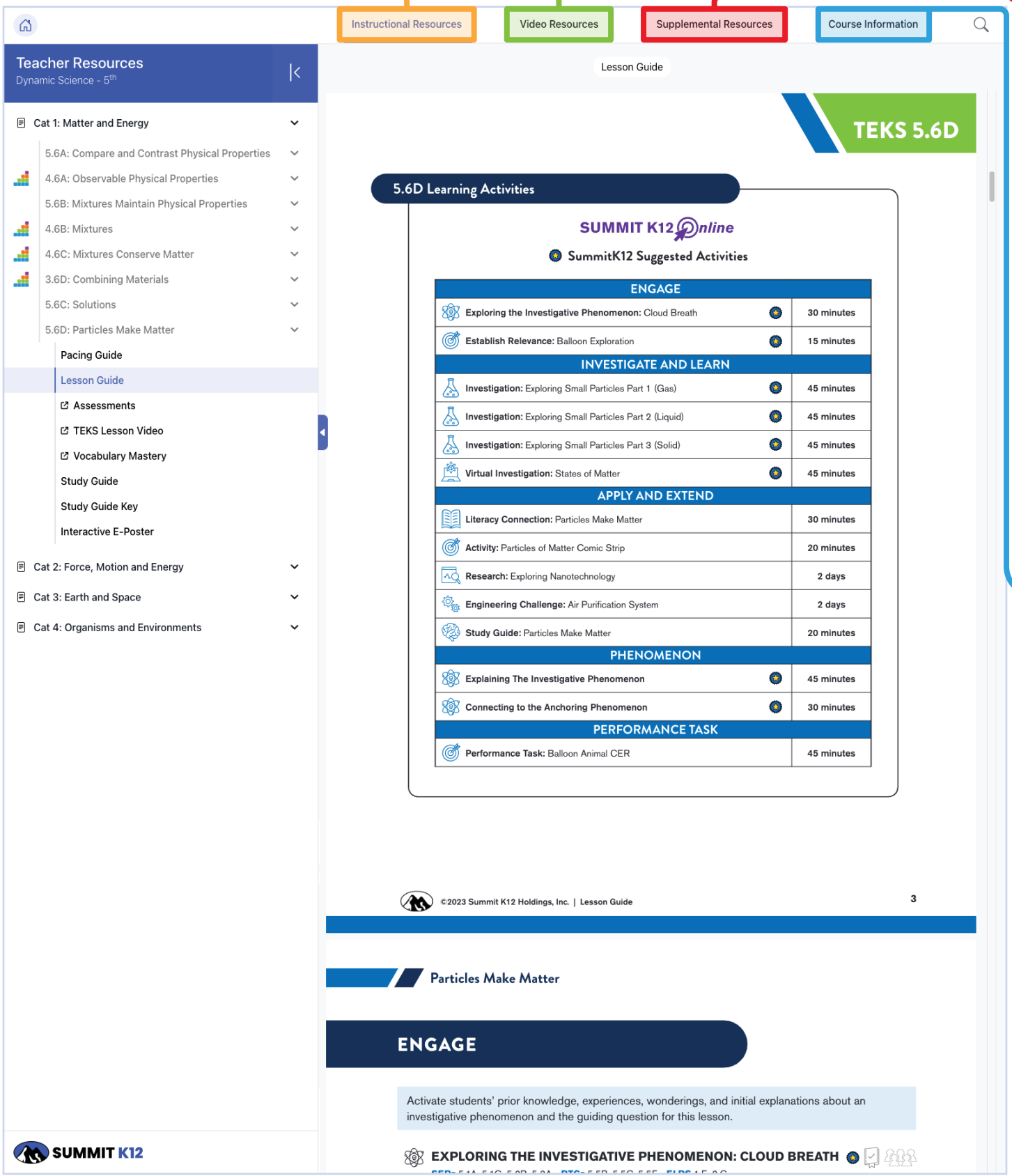
Ready to Learn More?

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
Texas Virtual Field Investigations
Kate the Chemist Labs

SUPPLEMENTAL RESOURCES

SEPs Background/Vocabulary
Science Literacy
Science Around You
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

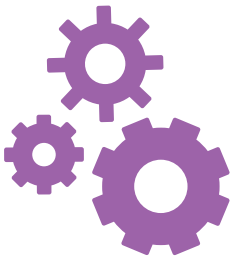
ASSESSMENT BANK

Date Created	Custom Assessment Name	Avg. Score	PLD	Assign
9/28/24	First six weeks Assessment	65%	Approaches	
11/4/24	Force and Motion Benchmark	87%	Meets	
12/4/24	Extra Credit	92%	Masters	
1/12/25	Dual coded Category 4 items only	81%	Meets	
2/3/25	Practice with new item types only	90%	Masters	
3/2/25	Dr. Kate's Matter and Energy Hi Rigor Quiz spring 2025	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 (5th Grade Example)

Grade	Category	SEPs TEKS	5th Grade Dynamic Science TEKS Lessons, Labs, Investigations, and Explore Activities																				Totals by SEPs
			5.6A	5.6B	5.6C	5.6D	5.7A	5.7B	5.8A	5.8B	5.8C	5.9A	5.10A	5.10B1	5.10B2	5.10C	5.11A	5.12A	5.12B	5.12C	5.13A	5.13B	
5	Scientific and Engineering Practices	5.1A	Lab	Lab	Lab	X	Lab	Lab	Lab	Lab	Lab		Lab		Lab		Lab	Lab	Lab	Lab	Lab	Lab	17
5	Scientific and Engineering Practices	5.1B	X	Lab	X	X	Lab	Lab	Lab	Lab	X						Lab			Lab			11
5	Scientific and Engineering Practices	5.1C	X	X	X				X		Lab		X	X	X	X	Lab				X		11
5	Scientific and Engineering Practices	5.1D	Lab	Lab	X	X	X	Lab		Lab	Lab	X	X		X		SL	Lab			X	Lab	15
5	Scientific and Engineering Practices	5.1E	Lab	Lab	Lab		Lab	Lab	Lab	Lab	Lab		Lab		Lab		X	Lab		Lab	Lab		14
5	Scientific and Engineering Practices	5.1F	Lab	X	X	X	X	X	X	X	X		X	X	SL	X	X		X	X			16
5	Scientific and Engineering Practices	5.1G			X	Lab	X	X		X			Lab	X	Lab	X	Lab		Lab	Lab	Lab		13
5	Scientific and Engineering Practices	5.2A		SL			SL	SL		X	SL	X	Lab	X	X		X				SL		11
5	Scientific and Engineering Practices	5.2B		Lab	Lab		Lab	SL	Lab		SL		Lab				Lab	Lab	Lab	Lab	Lab		12
5	Scientific and Engineering Practices	5.2C		X	Lab		SL	X			SL					X	X		X	X	SL		10
5	Scientific and Engineering Practices	5.2D						X		Lab							X						3
5	Scientific and Engineering Practices	5.3A	X		X	X	Lab	X		X		X		X		X	Lab	Lab	X	X	X		14
5	Scientific and Engineering Practices	5.3B	X	X	X	X	Lab	X	X	X		X	X	X	Lab		Lab	X	X	X	X	Lab	18
5	Scientific and Engineering Practices	5.3C	X	X	Lab	X	Lab	X			Lab				X				Lab		X		10
5	Scientific and Engineering Practices	5.4A				X		X	X				X	X	X	X	X		X	SL	X		11
5	Scientific and Engineering Practices	5.4B	X			X			X	X		X		X	X								7
5	Recurring Themes and Concepts	5.5A		Lab	Lab		Lab				X	X	Lab	X		X	Lab		Lab		Lab	Lab	12
5	Recurring Themes and Concepts	5.5B		Lab	Lab	X	Lab		Lab		SL		Lab		Lab	X	Lab		Lab	Lab	Lab		13
5	Recurring Themes and Concepts	5.5C	X						SL			X			SL								4
5	Recurring Themes and Concepts	5.5D						X		X	SL						SL	Lab			SL		6
5	Recurring Themes and Concepts	5.5E					SL		X		SL		X				X	SL	X				7
5	Recurring Themes and Concepts	5.5F							X	X	X						SL	Lab	X	SL	Lab		8
5	Recurring Themes and Concepts	5.5G	X			X	X		SL								SL		Lab	Lab	SL		8
	Totals by Content TEKS		12	13	14	12	16	15	14	13	15	7	13	9	13	8	20	9	14	13	17	4	**251**

KEY

Lab	Lab Investigations
X	Inquiry or Explore Activity
SL	Science Literacy Process Skill or RTC

Kate the Chemist 3rd-5th Video Series

Summit K12 has teamed up with UT Austin Professor and best-selling children's 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

3rd-5th Texas Virtual Field Investigations

ALL 3rd-5th 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.

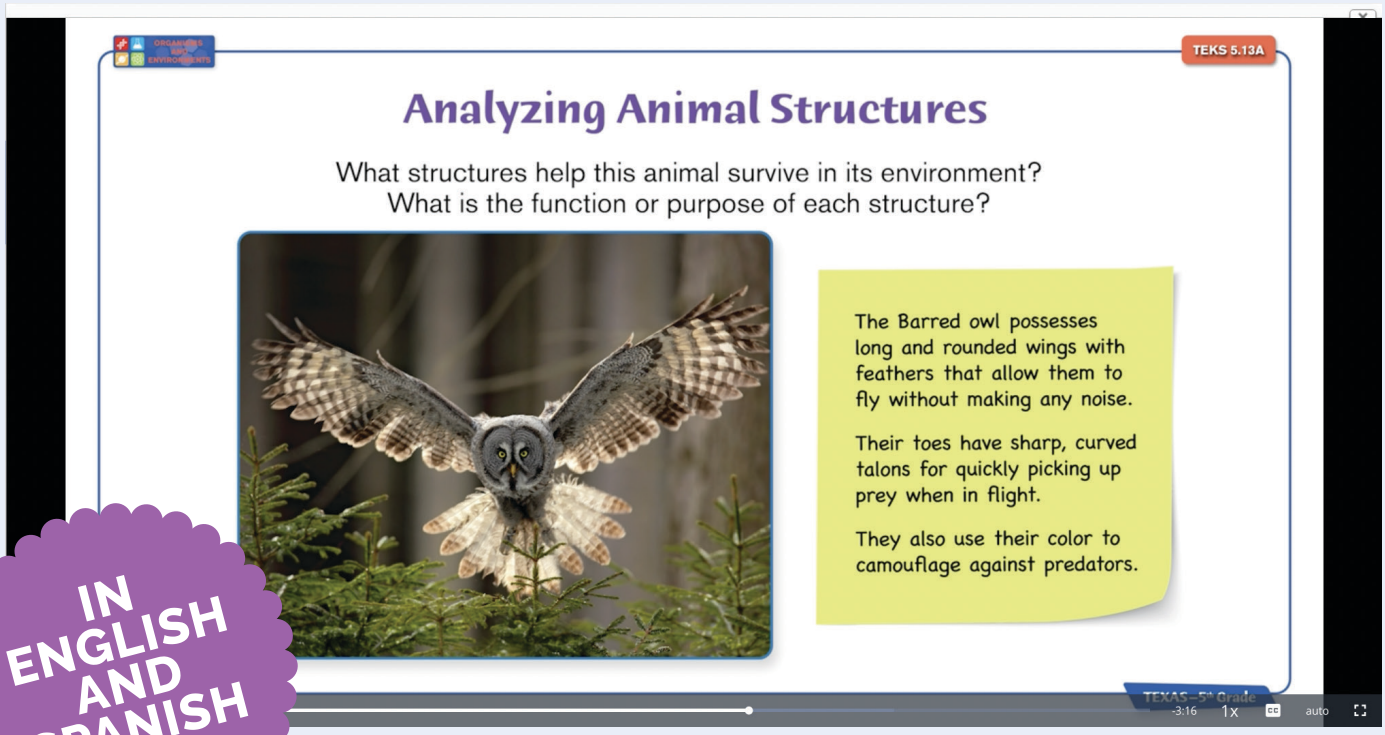
Hands on Investigations and Explorations

Investigations that support students figuring out concepts through phenomena.

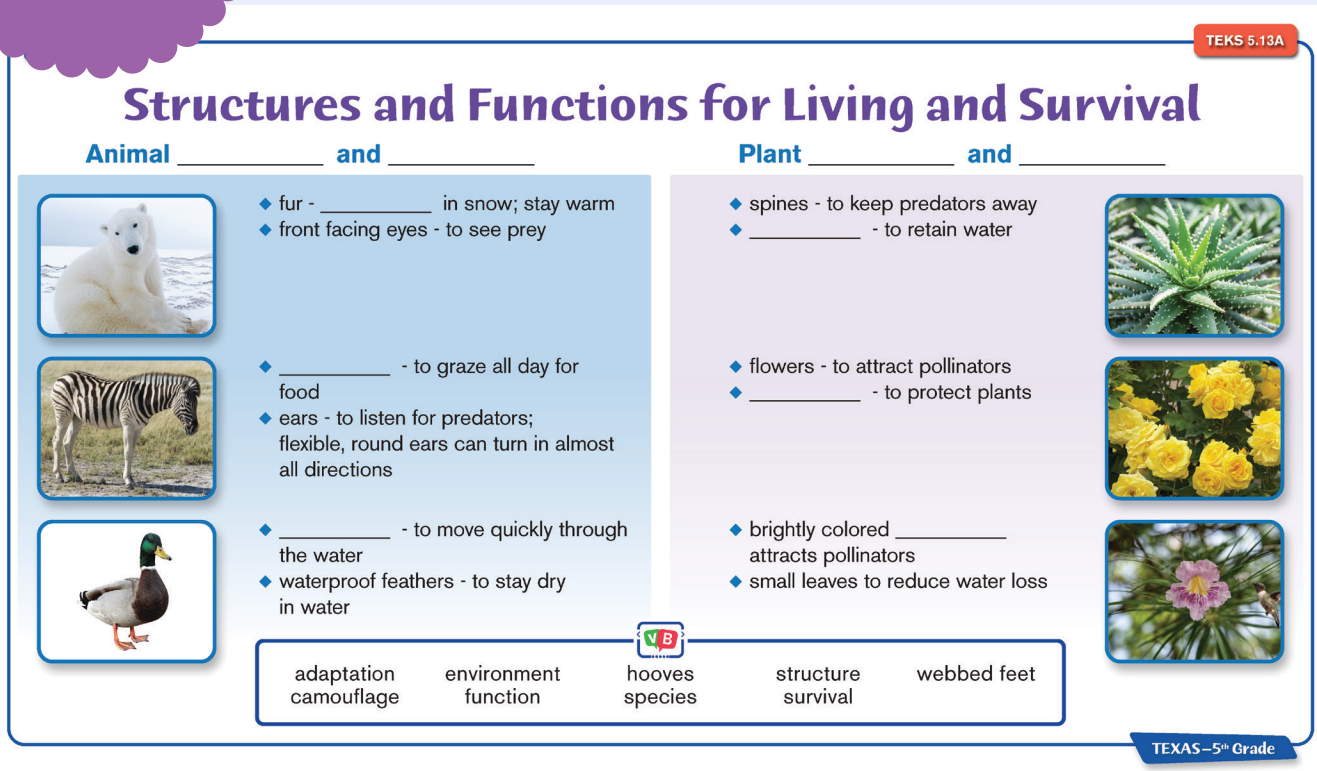
Lab Explorations – 5th Grade

TEKS	Name of Lab
5.6A	Now You See It, Now You Don't
5.6B	In the Mix of Things
5.6C	The Solution to the Problem
5.6D	It's a Small, Small World
5.7A	A Show of Force
5.7B	When the Rubber Meets the Road
5.8A	One Thing Leads to Another
5.8B	Go With the Flow
5.8C	I See the Light
5.9A	As the World Turns
5.10A	Water, Water, Everywhere
5.10B1	Rock of Ages
5.10B2	Bone Deep in Fossils
5.10C	This Land is My Land
5.11A	Compost in Bottle
5.12A	You Can Count On Me
5.12B	Follow the Yellow Brick Road
5.12C	When the Cows Come Home
5.13A	This is for the Birds
5.13B	I Will Survive

E-Poster and High Quality TEKS Lesson Videos

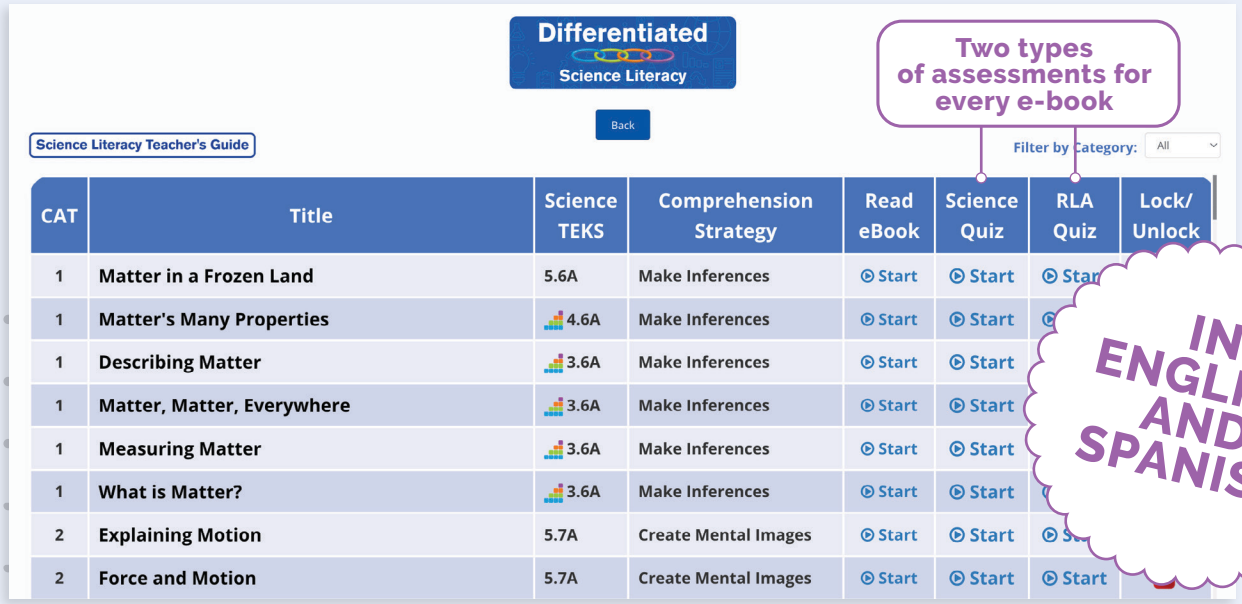


IN ENGLISH AND SPANISH



Science Literacy

Over 200 Science-Literacy E-books in K-8 written specifically for the 2024 State Science Adoption

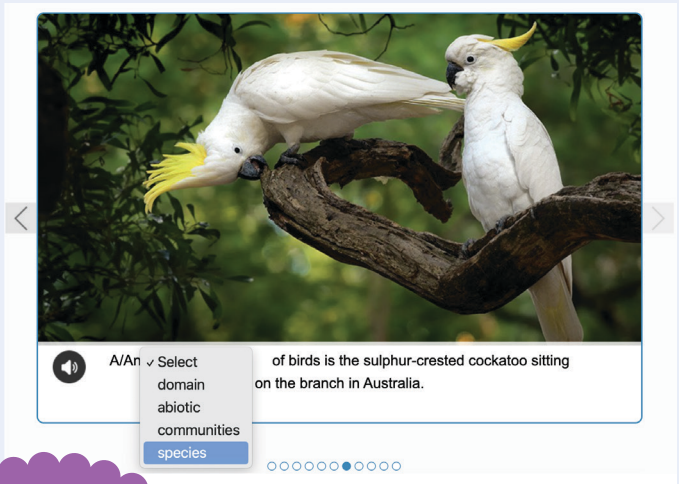


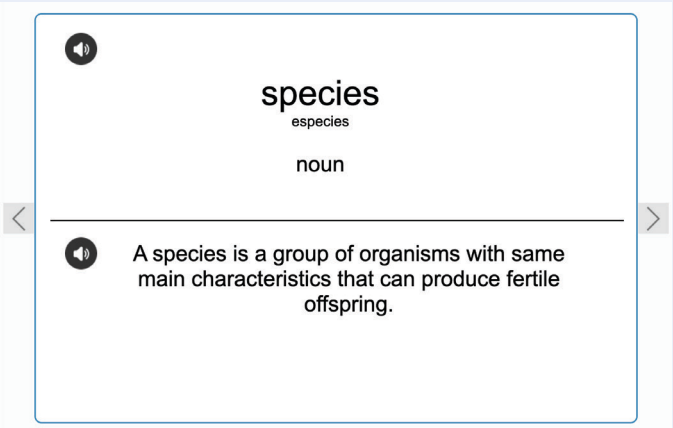
CAT	Title	Science TEKS	Comprehension Strategy	Read eBook	Science Quiz	RLA Quiz	Lock/ Unlock
1	Matter in a Frozen Land	5.6A	Make Inferences	Start	Start	Start	
1	Matter's Many Properties	4.6A	Make Inferences	Start	Start		
1	Describing Matter	3.6A	Make Inferences	Start	Start		
1	Matter, Matter, Everywhere	3.6A	Make Inferences	Start	Start		
1	Measuring Matter	3.6A	Make Inferences	Start	Start		
1	What is Matter?	3.6A	Make Inferences	Start	Start		
2	Explaining Motion	5.7A	Create Mental Images	Start	Start		
2	Force and Motion	5.7A	Create Mental Images	Start	Start	Start	

- Includes Science/RLA study guides, Lesson Guides, and assessments
- Extend science instructional minutes during the RLA block
- Cross-curricular passages in 3rd-5th grades covering the RLA and Science TEKS and STAAR® blueprints

Vocabulary Mastery

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





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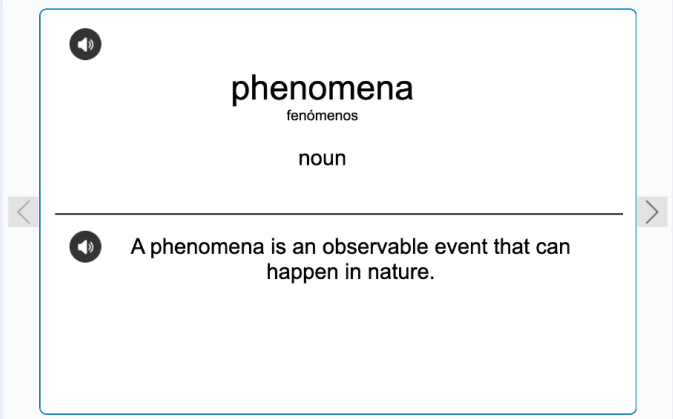


Image Bank

- 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]."

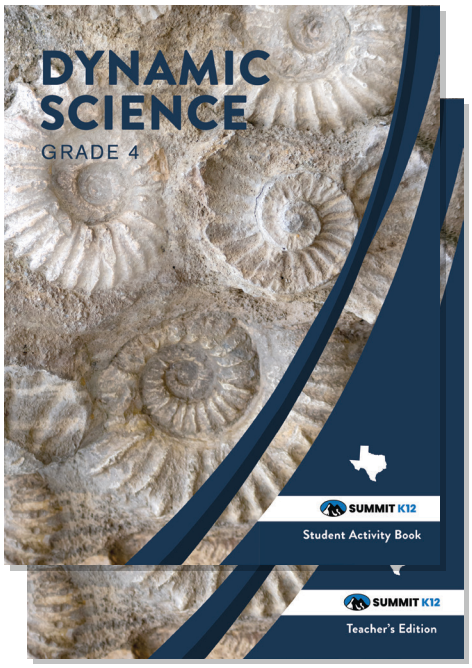
DR. LINDA COOK

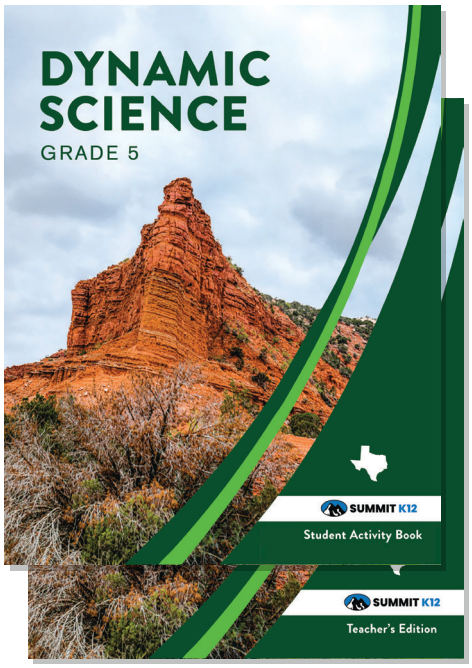
Dr Linda Cook's experiences include Extensive Professional Development Work and presentations related to the Framework for K-12 Science Education; Ready, Set, Science.

- 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)*