

PROCLAMATION 2024 -  
SCIENCE K-12  
INSTRUCTIONAL  
MATERIALS ADOPTION

ECTOR COUNTY ISD CURRICULUM AND INSTRUCTION



# OUR MISSION:

The ECISD Science Department aims to cultivate students' appreciation for science, enabling them to actively participate in discussions, hands-on experiences, and teachable moments across scientific disciplines. This fosters scientific literacy, empowering students to continue learning and engaging with science throughout their lives.

# HOUSE BILL 1605 INFORMATION

- Proclamation 2024 is exempt from the initial IMRA process.
- Science materials K-8, IPC, Biology, Chemistry, & Physics were run through the TEA's process and the Texas Resource Review (TRR) for TEKS alignment verification.
- Electives did not go through TRR.
  - This includes: Astronomy, Aquatics Science, Environmental Systems, Anatomy and Physiology, Forensics, AP Courses.

# ECISD Adoption of Science Instructional Materials Action Plan

Month	Action Step(s)
April - May 2023	<ul style="list-style-type: none"> <li>The content coordinator works with DLT, content specialist, and campus leadership teams to attend a materials preview meetings to determine the top 5 vendors that will make the cut for the full adoption process.</li> </ul>
August - September 2023	<ul style="list-style-type: none"> <li>The content coordinator works with DLT, content specialist, and campus leadership teams to appoint science adoption committee members. (SACMs)</li> <li>Ensure all of the following have representation: teachers, admin, and digital learning and IT</li> </ul>
September - November 2023	The content coordinator provides a list of SACMs when complete, to the IMA team/Associate Superintendent
September - December 2023	<ul style="list-style-type: none"> <li>SACMs will attend a TEKS Alignment and 3D Learning Training</li> <li>SACMs and the content coordinator develop a needs assessment (a Google Form) for instructional materials to send out to teachers. (We will make sure to base this on materials that have been <a href="#">released from TEA</a> - full review ready ~August 2023)</li> </ul>
October - December 2023	SACMs use the results of the needs assessments to develop specifications and evaluation instruments for instructional materials. (Pick and tweak the rubrics from Texas Agencies for District use)
November - December 2023	The content coordinator reviews needs assessments and results with DLT; Coordinator starts requesting textbook samples from vendors and sending out campus no-contact letters.
October 2023 - January 2024	District Textbook Meeting with SACMs to review district rules, guidelines, and expectations.
November 2023 - February 2024	<p><b>(TEA Releases approved list - Scheduled for November 2024 Board Meeting)</b></p> <ul style="list-style-type: none"> <li>SACMs review instructional materials, attend presentations, and seek input from campuses.</li> <li>A public viewing/ hearing notification will be placed in the Odessa American/District Website/Facebook/Twitter.</li> <li>SACMs vote on their top 3 materials per course/grade level and submit findings to IMA Coordinator.</li> <li>The district's IMA contracts will be sent to the top 3 vendors.</li> </ul>
January - March 2024	<ul style="list-style-type: none"> <li>Public Hearing of Instructional Materials at the Instructional Materials Building.</li> <li>The IMA team approves IMA expenditures or requests proposal revisions</li> <li>The district engages in contract negotiations with vendors.</li> </ul>
April 2024	<ul style="list-style-type: none"> <li>SACMs submit the proposed adoptions to the Associate Superintendent of Curriculum and Instruction who then sends them to the school board for final approval</li> <li>Once approved Purchasing Department initiates the ordering process.</li> </ul>

ACTION  
Science  
PLAN

## District Level Committee

Name	Department	Position
Dr. Lilia Nanez	Curriculum and Instruction	Associate Superintendent

Lisa Wills
Caitlin Couch
Jennifer Wimberley
(Aide) Shelli Emiliano
Bridgette Casas
Angela Johnson
Diane Harlan
Misty Hiner
Rosemary Valadez
Natalie Rubalcado
Leslie Wilson
Heather Dolloff
Fabiola Soto
Amanda Webber
Til-lois Calhoun

## High School Committee

Name	Campus	Position
Madhumita Samayamanthula	Odessa High School	Biology and IB Biology Teacher
Rosa Glover	Odessa High School	Physics and IB Physics Teacher
Shelley Wright	Permian High School	Forensics and DC Geology Teacher
Marla Lopez	New Tech Odessa	Physics and AP Physics Teacher

Rochelle Manalastac
Zondra Pointer
Judith DeLeon
Travis Cooper
Jennifer Livesay
Elizabeth Wilbanks
Kristi Weaver
Laura Box
Christopher Molink
Usharani Mallavara
Rebecca Joy
Rebecca Orcutt
Cassidy Reddell
Stephanie Marin
Rachel Glasscock

## Middle School Committee

Name	Campus	Position
D'Andra Hendricks	Wilson and Young MOH	8th Grade Teacher
Devon Vasquez	Wilson and Young MOH	8th Grade Teacher
Mark Glasscock	Permian	7th Grade Teacher

Marissa Gordon
Leticia Cruz
Erik Acosta
Michaela Hansen
Tabitha Najera
Permian High School
Odessa High School
New Tech Odessa

# ADOPTION Sciences COMMITTEES

## Elementary Committee

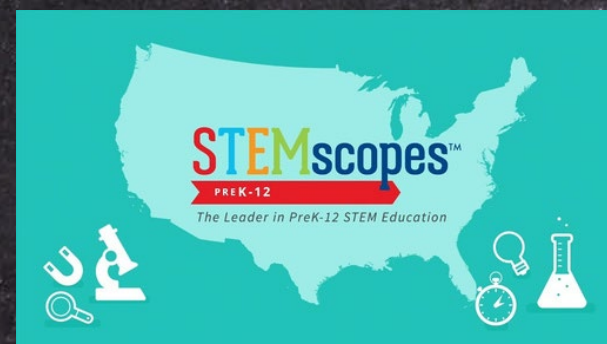
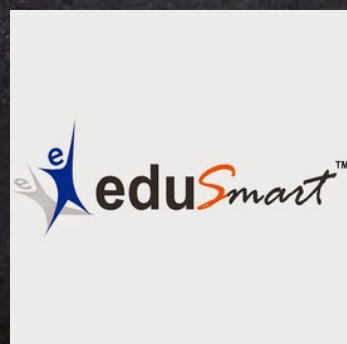
Name	Campus	Position
Stephanie Clark	Millam	5th Grade Teacher
Erika Pocaterra	Hays	4th/5th Bilingual Teacher
Jessica Brown	Bulice	3rd Grade Teacher
Memrey White	Fly	4th Grade Teacher
Gabriel Mendez	West	5th Grade Teacher
Andrea Soto	Goliad	3rd Bilingual Teacher
Allisha Pierce-Deshazo	Hays	Instructional Coach
Brittani Espino	Alamo	Instructional Coach
Teri McLeod	Cameron	5th Bilingual Teacher
Timothy (Augustus) Young	San Jacinto	5th Grade Teacher
Laurie Bruner	Pease	Kindergarten Teacher
Marla Celaya- Borrego	Austin	Elementary 1 (1st - 3rd) Teacher
Dora Celaya- Borrego	Austin	Elementary 2 (4th - 6th) Teacher
Rebecca Wright	EK Downing	5th Grade Teacher

# ROUND Top Eight

Publisher	Date of Presentation	Time of Presentation	Location of Presentation
Cengage/National Geographic	May 10th	1:00-3:00	Conference Room D
STEMscopes	May 15th	1:00-3:00	Conference Room E
Discovery Education	May 17th	1:00-3:00	Conference Room D
HMH	May 19th	1:00-3:00	Conference Room D
McGraw Hill	May 22nd	1:00-3:00	Conference Room D
EduSmart	May 23rd	1:00-3:00	Conference Room D
Savvas	May 24th	1:00-3:00	Conference Room D
Summit K-12	May 25th	2:00-4:00	Conference Room D

ECISD Adoption of Science Instructional Materials Questionnaire			
Vendor Name:	Date:		
Reviewer:	Department:		
Question	Yes	No	Comments
Is this product 100% TEKS Aligned?	<input type="checkbox"/>	<input type="checkbox"/>	
Is this product 100% ELPS Aligned?	<input type="checkbox"/>	<input type="checkbox"/>	
Is this product offered 100% in English and Spanish at least K-5?	<input type="checkbox"/>	<input type="checkbox"/>	
Does your platform integrate with Classlink?	<input type="checkbox"/>	<input type="checkbox"/>	
Does your platform talk with Schoology? Is there a grade pass back? (Focus)	<input type="checkbox"/>	<input type="checkbox"/>	
Do you follow the SE Model?	<input type="checkbox"/>	<input type="checkbox"/>	
Are there opportunities for students to view the content in multiple modalities within each lesson cycle?	<input type="checkbox"/>	<input type="checkbox"/>	
Do you offer both intervention and accelerated differentiation?	<input type="checkbox"/>	<input type="checkbox"/>	
Are there multiple opportunities for hands-on investigations throughout each lesson?	<input type="checkbox"/>	<input type="checkbox"/>	
Are there lab kits that can be purchased that follow the lessons within the platform?	<input type="checkbox"/>	<input type="checkbox"/>	
Are there guided lessons and answer keys?	<input type="checkbox"/>	<input type="checkbox"/>	

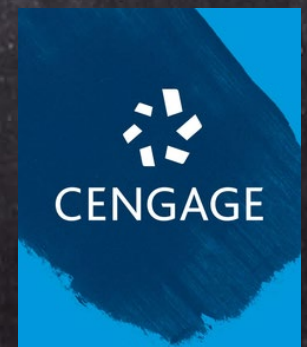
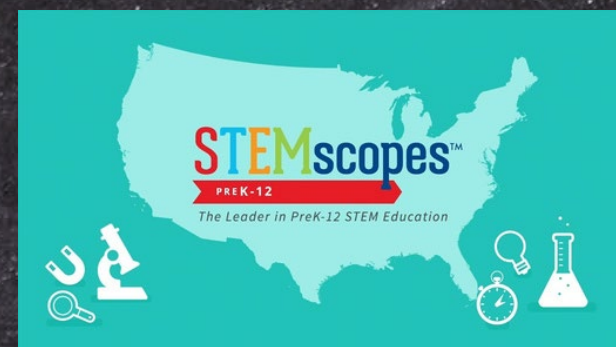
Does the platform provide a student view for teachers to preview?	<input type="checkbox"/>	<input type="checkbox"/>	
Is the material organized by TEKS or thematically?	<input type="checkbox"/>	<input type="checkbox"/>	
Do you have any partnerships with other vendors?	<input type="checkbox"/>	<input type="checkbox"/>	
Do you have an Assessment Package available in your platform? Would this be an extra cost?	<input type="checkbox"/>	<input type="checkbox"/>	
What is the projected price per student per year?			
Place any additional comments in the space below:			



	Descriptors				Score (required for insufficient or Outstanding score)	Raw Indicator Scores	Optional Weighting Factor	Final Indicator Scores
	Not Present	Present but Insufficient	Present and Sufficient	Present and Outstanding				
<b>Category 1 - Priority</b>	0	1	2	3				
<b>Indicator 1.1</b> 2024-25 TEKS appropriate level of depth and								
<b>Category 2 - Alignment</b>	0	1	2	3				
<b>Indicator 1.2</b> Device, roster management system (LMS)								
<b>Indicator 2.1</b> Science and (SEPs) aligned/integrated								
<b>Indicator 2.2</b> Horizontal alignment including math, are aligned skills/contents within the s								
<b>Indicator 2.3</b> Vertical alignment content, including math, at grade level to the next								
<b>Indicator 2.4</b> Cross-curricular documents to Spani								
<b>Indicator 2.5</b> English Language Standards (ELPS) aligned								
<b>Indicator 3.1</b> Digital and print resources available	No digital and print resources are available	Digital and print resources are separate and not interchangeable	Digital and print resources match and can be used interchangeably	Annual update with changes to digital resources; printing available with digital				
<b>Indicator 3.2</b> Editable								
<b>Indicator 3.3</b> One-click documents to Spani								
<b>Indicator 3.4</b> Assessment								
<b>Indicator 3.5</b> Item bank								
<b>Indicator 3.6</b> Help center								
<b>Category 3 - Platform and Access</b>	0	1	2	3				
<b>Indicator 4.1</b> Assessment items are well-written, scientifically accurate, avoid bias, and are free from errors	Does not have items that are well-written, scientifically accurate, and are error and	Few of the items are well-written, scientifically accurate, and are bias and	Most of the items are well-written, scientifically accurate, and are bias and	All of the items are well-written, scientifically accurate, and are bias and				
<b>Indicator 4.2</b> Variety provided that are de appropriate (such as enhanced, written re based)								
<b>Indicator 4.3</b> Assessment to meet individual st access								
<b>Indicator 4.4</b> Assessment pictures, graphics (tr								
<b>Indicator 4.5</b> Variety (such as pre-assess assessments, bench assessments, etc.)								
<b>Category 4 - Assessments</b>	0	1	2	3				
<b>Indicator 5.1</b> Rigorous, inquiry-based investigations using academic language phenomena								
<b>Indicator 5.2</b> Various investigation (for example, descriptive, comparative, correlative, experimental) appropriate level								
<b>Indicator 5.3</b> Support for scientific data analysis, and citing evidence								
<b>Indicator 5.4</b> Alternative materials (only needed if lab/activity materials expensive or unusual materials)								
<b>Indicator 5.5</b> Enough interactive digital investigations for content practice at investigations to meet grade-level requirements/recommendations								
<b>Indicator 6.1</b> Teacher background materials and real-world connections (TEKS = Texas Essential Knowledge and Skills, SEPs = Science and Engineering Practices, RTCs = Recurring Themes and Concepts)	No teacher background materials present	Resource provides minimal teacher background information and/or limited real-world connections to the TEKS, SEPs, and RTCs.	Resource provides sufficient teacher background information and real-world connections to the TEKS, SEPs, and RTCs.	Resource provides abundant teacher background information and numerous real-world connections to the TEKS, SEPs, and RTCs.				
<b>Indicator 6.2</b> Teacher supports to including set up instructions.								
<b>Indicator 6.3</b> Time estimates for resources								
<b>Indicator 6.4</b> Vocabulary support								
<b>Indicator 6.5</b> Independent student								
<b>Indicator 6.6</b> Resources that support differentiated instruction								
<b>Indicator 6.7</b> Interventions and e								
<b>Indicator 6.8</b> Interactive, digital n								
<b>Indicator 6.9</b> Sequence of units/modules/chapters are flexible/customizable								
<b>Category 5 - Investigations</b>	0	1	2	3				
<b>Category 6 - Instructional Resources</b>	0	1	2	3				

# ROUND Top Five

Publisher	Date of Presentation	Time of Presentation	Location of Presentation	Grade Band Covered
Cengage/Nat Geo	January 10th	<i>Dinner at 5:30 and the Presentation will begin promptly at 6:00 and will conclude at 8:00</i>	<i>IMA Building 119 E. 52nd Street Off of Andrew Highway behind Texas Burger</i>	High School Only
McGraw Hill	January 11th			All Grade Bands
Discovery Education	February 1st			Elementary and Middle School Only
STEMscopes	January 18th			All Grade Bands
SAVVAS	January 23rd			All Grade Bands
Summit K-12	January 25th			All Grade Bands
Committee Debrief and Final Ranking	March 8th	1:30-4:00		All Grade Bands



# THE FINAL Science RESULTS



ELEMENTARY



MIDDLE SCHOOL



HIGH SCHOOL



# COMMITTEE IDENTIFIED Strengths

- 100% TEKS and ELPS Aligned
- Contains High Rigor
- Student-centered and engaging
- 5E lesson design
- Pairs well with Classlink and Schoology
- Cross-curricular literacy
- Differentiation of resources
- Language support in multiple languages including audio and student home/parent information
- The resource follows the 3 Dimensional learning design which includes Science and Engineering Practices, Recurring Themes and Concepts, and TEKS all centered around an anchoring phenomenon
- Multi-modal



THANK YOU!

QUESTIONS?