

# Texas Resources for K-12 Education

## Curriculum Resources

Location	Organization	About	Resources	Grade
Texas (statewide)	<a href="#">Texas Energy Education Project</a>	Middle and high-school STEM curriculum to educate Texas students and their teachers about our abundant Texas energy resources and the vital role that they play today in supporting our schools and our economy, as well as to properly prepare students for jobs in the energy sector of the future. These STEM units are correlated to the Texas Essential Knowledge and Skills (TEKS), so they are classroom ready.	<a href="#">Texas Energy Education Project Curriculum Units</a>	middle and high school
Houston, TX	<a href="#">Houston Advanced Research Center</a>	"A research hub providing independent analysis on energy, air, and water issues to people seeking scientific answers," ( <a href="http://www.harcresearch.org/about/75">http://www.harcresearch.org/about/75</a> )	<a href="#">EFD Virtual Site</a>	all
Houston, TX	<a href="#">IPAA/PESA Energy Education Center</a>	"Supports education at every stage of life, providing oil and gas industry education through online eLearning, in-person industry training courses, and empowering the NEXT GENERATION of energy industry professionals," ( <a href="http://www.ipaa.org/education/">http://www.ipaa.org/education/</a> )	Petroleum Academies, eLearning opportunities, Overview Courses	high school
Houston, TX	<a href="#">Offshore Energy Center</a>	"Dedicated to expand the awareness of the vast energy resources beneath the world's oceans, and to chronicle the unique heritage and technological accomplishments of the industry that discovers, produces, and delivers these resources in a safe and environmentally responsible way," ( <a href="http://www.oceanstaroec.com/about.htm">http://www.oceanstaroec.com/about.htm</a> )	Ocean Star Offshore Drilling Rig Museum and Education Center, Mobile Offshore Learning Unit, teacher workshops	all
Ohio	<a href="#">The Ohio Oil and Gas Energy Education Program (OOGEEP)</a>	"A non-profit statewide education and public outreach program...these programs primarily focus on teacher workshops, scholarships, student education, firefighter training, industry training, workforce development, research, landowner and guest speaker programs," ( <a href="http://oogEEP.org/">http://oogEEP.org/</a> )	curriculum, scholarships, guest speaker program, online resources	middle and high school
Oklahoma	<a href="#">Oklahoma Energy Resources Board</a>	Oil and natural gas organization that strives to impact Oklahomans (and others) through education and restoration efforts	curriculum, well restoration/clean-up, fieldtrips, video labs, teacher workshops	all
Salt Lake City, UT	<a href="#">National Energy Foundation</a>	"A unique 501(c)(3) nonprofit educational organization dedicated to the development, dissemination and implementation of supplementary educational materials and programs," ( <a href="https://nef1.org/about-nef/">https://nef1.org/about-nef/</a> )	Energy Safe Kids, Think!Energy, Out Of The Rock (OOTR)	all
Virginia	<a href="#">The National Energy Education Development (NEED) Project</a>	"Promote[s] an energy conscious and educated society by creating effective networks of students, educators, business, government and community leaders to design and deliver objective, multi-sided energy education programs," ( <a href="http://www.need.org/">http://www.need.org/</a> )	curriculum, teacher workshops, Youth Energy Conference, National Energy Conference, local business partners	all
Nationwide (Partners with NEED)	<a href="#">Switch Energy Project</a>	The Switch Energy film deals with energy transition. It is 98 minutes long. The website holds more than 5 hours of edited video, with much more content to come.	MISSION Build a baseline understanding of energy. Transform the energy conversation, from polarized to practical. Promote efficiency and conservation.	all
Nationwide	<a href="#">PBS Learning Media</a>	"PBS LearningMedia provides PreK-12 educators with access to free digital content and professional development opportunities designed to improve teacher effectiveness and student achievement," ( <a href="https://www.pbslearningmedia.org/about/">https://www.pbslearningmedia.org/about/</a> )	<a href="#">educational videos about energy for students and teachers</a>	all
Nationwide	<a href="#">The Connectory</a>	online portal with comprehensive list of STEM opportunities for school-age children	opportunities for students to participate in STEM based learning, volunteer matching opportunities for educators	all



## Museums

Location	Museum	Details	Website
Austin, TX	Bob Bullock Texas State History Museum	Creating Opportunity exhibit, Oil Tank Theater	<a href="https://www.thestoryoftexas.com/">https://www.thestoryoftexas.com/</a> <a href="http://www.texasescapes.com/EastTexasTowns/Batson-Texas.htm">http://www.texasescapes.com/EastTexasTowns/Batson-Texas.htm</a>
Bastion, TX	Oil Patch Museum		<a href="http://www.spindletop.org/">http://www.spindletop.org/</a>
Beaumont, TX	Spindletop/Gladys City Boomtown Museum		<a href="http://www.texasenergymuseum.org/">http://www.texasenergymuseum.org/</a>
Beaumont, TX	Texas Energy Museum		<a href="http://www.hutchinsoncountymuseum.org/">http://www.hutchinsoncountymuseum.org/</a>
Borger, TX	Hutchinson County Historical Museum		<a href="https://aoghs.org/energy-education-resources/felty-outdoor-oil-museum-burkburnett-texas/">https://aoghs.org/energy-education-resources/felty-outdoor-oil-museum-burkburnett-texas/</a>
Burkburnett, TX	Felty Outdoor Oil Museum		<a href="http://www.panhandleplains.org/">http://www.panhandleplains.org/</a>
Canyon, TX	Panhandle-Plains Historical Museum		<a href="http://heritagemuseum.us/">http://heritagemuseum.us/</a>
Conroe, TX	Heritage Museum of Montgomery County		<a href="http://www.perotmuseum.org/">www.perotmuseum.org/</a>
Dallas, TX	Perot Museum of Nature and Science		<a href="http://www.fwmuseum.org/">http://www.fwmuseum.org/</a>
Fort Worth, TX	Fort Worth Museum of Science and History	Energy Blast exhibit	<a href="http://www.oceanstaroec.com/museum.htm">http://www.oceanstaroec.com/museum.htm</a>
Galveston Island, TX	Ocean Star Museum		<a href="http://www.depotmuseum.com/">http://www.depotmuseum.com/</a>
Henderson, TX	Depot Museum		<a href="http://www.hmns.org/">http://www.hmns.org/</a>
Houston, TX	Houston Museum of Natural Science	Wiess Energy Hall, online exhibit	<a href="http://www.humblemuseum.com/">http://www.humblemuseum.com/</a>
Humble, TX	Humble Museum		<a href="http://gastonmuseum.org/">http://gastonmuseum.org/</a>
Joinville, TX	Gaston Museum		<a href="https://www.facebook.com/EastTexasOilMuseum/">https://www.facebook.com/EastTexasOilMuseum/</a>
Kilgore, TX	East Texas Oil Museum		<a href="http://www.lulingoilmuseum.org/">http://www.lulingoilmuseum.org/</a>
Luling, TX	Luling Oil Museum		<a href="http://petroleummuseum.org/">http://petroleummuseum.org/</a>
Midland, TX	Petroleum Museum		<a href="https://www.tarleton.edu/gordoncenter/about/about.html">https://www.tarleton.edu/gordoncenter/about/about.html</a>
Mingus, TX	W. K. Gordon Center for Industrial History of Texas		<a href="https://aoghs.org/energy-education-resources/monahans-oil-museum/">https://aoghs.org/energy-education-resources/monahans-oil-museum/</a>
Monahans, TX	Million Barrel Museum		<a href="http://nlsd.net/Museum.htm">http://nlsd.net/Museum.htm</a>
New London, TX	New London School Explosion Museum		<a href="http://www.museumoftheplains.com/">http://www.museumoftheplains.com/</a>
Perryton, TX	Museum of the Plains		<a href="http://texasfortstrail.com/plan-your-adventure/historic-sites-and-cities/sites/roaring-ranger-oil-boom-museum">http://texasfortstrail.com/plan-your-adventure/historic-sites-and-cities/sites/roaring-ranger-oil-boom-museum</a>
Ranger, TX	Roaring Ranger Oil Boom Museum		<a href="https://www.facebook.com/Bertha-Terry-Cornwell-Museum-of-Sour-Lake-History-1422904167925495/">https://www.facebook.com/Bertha-Terry-Cornwell-Museum-of-Sour-Lake-History-1422904167925495/</a>
Sour Lake, TX	Bertha Terry Cornwell Museum of Sour Lake History	Contains details and artifacts regarding Texaco's rise as a major oil producer	<a href="http://vantx.com/venue/van-area-oil-historical-museum/">http://vantx.com/venue/van-area-oil-historical-museum/</a>
Van, TX	Van Area Oil and Historical Museum		

*\*\*Information found at <https://aoghs.org/texas-petroleum-museums/>*

## Scholarships

Organization/ College	Scholarship/Foundation	Website
<a href="#">Barnhart Foundation</a>	Beeville, TX	"Created to motivate and assist Beeville Independent School District high school students in receiving post-secondary educations," ( <a href="https://www.thejoebarnhartfoundation.org/joe-barnhart-scholarship-program">https://www.thejoebarnhartfoundation.org/joe-barnhart-scholarship-program</a> )
<a href="#">Texas Alliance for Minorities in Engineering</a>	Texas	"Supports careers in science, technology, engineering, and mathematics by offering scholarships to TAME club members who have been accepted into an accredited university or community college to pursue higher education in a STEM-related field," ( <a href="http://www.tame.org/programs/scholarships">http://www.tame.org/programs/scholarships</a> )

[Link to comprehensive spreadsheet of oil and gas scholarships](#)

