
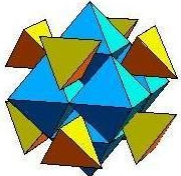



Digital STEAM Learning Resources

Looking for more ways to learn about Science, Technology, Engineering, Art, and Math? Check out what your local STEAM community has to offer!



San Antonio Institutions:

Organization Name	Brief Description	Who It's For	Weblink/ how to access
Witte Museum 	Witte Where You Are: <ul style="list-style-type: none"> • Short videos of museum content • Instructions for hands-on educational activities 	Families with learners of all ages	https://www.wittemuseum.org/Witte-Where-You-Are/
OCTA-TETRA Museum 	STEM to STEAM - Video Series about 3-D Geometry and a hands-on activity making a model - "Gyroscope Origami Dodecahedron"	Grades 3 - 12 and beyond	https://tinyurl.com/swd7rxj https://www.youtube.com/playlist?list=PLVGlesjsif4DRLzSZsP40zTGBrB6tIA84
San Antonio Museum of Science and Technology	SAMSAT Online: <ul style="list-style-type: none"> • Inquiry-based Museum and STEM Experiences for 5-12 	Online school classrooms grades 5-12 and families	https://www.samsat.org
San Antonio Water System	<ul style="list-style-type: none"> • Virtual Classroom https://www.youtube.com/playlist?list=PLVGlesjsif4DRLzSZsP40zTGBrB6tIA84 • Lessons & activities • Know your H2O • PBL Modules • And a few San Antonio Water System Gardening activities: https://www.gardenstylesanantonio.com/ 		A virtual classroom: https://apps.saws.org/Education/ https://www.youtube.com/playlist?list=PLVGlesjsif4DRLzSZsP40zTGBrB6tIA84on/Virtual_Classroom/index.cfm Lessons and Activities: https://www.saws.org/education/student-programs/lesson-plan/ Know Your H2O lessons: https://www.saws.org/education/student-programs/know-your-h2o/

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<p>San Antonio Water System (continued)</p>			<p>PBL Modules https://apps.saws.org/Education/download/index.cfm</p> <p>Password: Impact GardenStyleSA:</p> <p>https://www.gardenstylesanantonio.com/garden-tips-blog/toy-garden-upcycled-creature-feature/</p> <p>https://www.gardenstylesanantonio.com/garden-tips-blog/mothers-day-garden/</p> <p>https://www.gardenstylesanantonio.com/garden-tips-blog/bat-house-project-to-drive-dad-batty/</p> <p>https://www.gardenstylesanantonio.com/garden-tips-blog/apple-of-my-eye-tote-for-teachers/</p>
<p>Elequa Inc.</p> 	<p>MakeWater.org Program Education Through Water Innovation</p> <ul style="list-style-type: none"> - Hands on D.I.Y. challenges - Learn STEM, Coding, Robotics and more - Virtual Programming at home or in the classroom - Video Episodes, Tutorials, and Stories - Actively participate in helping solve real world water issues 	<ul style="list-style-type: none"> - 11+ Age - Students - Educators - Citizen Scientists - Makers - Regional - National 	<p>MakeWater.org</p> <p>Video Trailer https://www.youtube.com/watch?v=nu2wM-886XI</p>

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<p>The DoSeum</p> 	<p>DO It At Home: A collection of asynchronous DoSeum activities that will initially focus on: DIY Activities, Storytime, Questions from Kids, and Family Fitness</p>	<p>Families and educators with learners birth through age 11.</p>	<p>https://www.thedoseum.org/blog</p>
<p>San Antonio Public Library</p> 	<p>SAPL DIGITAL LIBRARY CARD Children, teens (and their parents!) can get a temporary SAPL digital card (good for 90 days).</p> <ul style="list-style-type: none"> -- Full access to SAPL's extensive collection of eBooks, eAudio, and eMagazines -- Full access to all library online databases <p>SAPL EBOOK COLLECTION via Libby App (Google & iOS) download thousands of eBooks and eAudio(books) and eMagazines from the SAPL collection --for free -- using your SAPL library card or get an instant digital library card (see above).</p> <p>SAPL ONLINE HOME WORK HELP & STUDY GUIDES Online Homework Help is available to students (K – College) from 3pm to midnight, 7 days a week. Live tutoring is available in Math, Science, Social Studies, and Language Arts. Tutoring is available in both English and Spanish.</p>	<p>Children, teens, adults, families!</p>	<p>https://sapl.sat.lib.tx.us/select</p> <p>https://www.mysapl.org/Services/Collections/Digital-Collections</p> <p>https://guides.mysapl.org/helpnow</p>





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<p>San Antonio Public Library (Continued)</p>	<p>Study guides, worksheets, and practice lessons for K – College level Math, Science, Social Studies and Language Arts - including STAAR Test preparation is available 24/7.</p>		
<p>Communities In Schools of San Antonio</p> 	<p>A STEM take-home calendar with 6 weeks of daily activities. Includes online and offline activity charts for PreK, K-2, 3-5, 6-8, and 9-12.</p>	<p>PreK - 12th grade students</p>	<p>www.cissa.org/stem</p>

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Beyond San Antonio:

Organization Name	Brief Description	Who It's For	Weblink/ how to access
TIES 	STEM@Home: <ul style="list-style-type: none"> List of online STEM resources 	Families with learners of all ages, online school classrooms, more	https://stemecosystems.org/covid19-resource-library/
Association of Science and Technology Centers 	Educational Resources: <ul style="list-style-type: none"> About COVID-19 About Infectious Disease Online Museum Programming 	Families with learners of all ages	https://www.astc.org/coronavirus/educationalresources/
Young Minds Inspired	Peanuts Gang lesson for activities in Language Arts, Social Studies, Math & Science for grades K-8	grades K-8	http://ymiclassroom.com/lesson-plans/the-peanuts-gang-gallery/?fbclid=IwAR2wIxe7JAgF-tnCHnph4cP1F-WC-gIfoLSIJb00AGCA4R1ZXEEV9lpMxkA
NASA's Space Place	Sunday, March 22nd is World Water Day! Since the Earth is "Planet Water", what a perfect day to explore the water around us.	grades 3-6.	https://spaceplace.nasa.gov/water/en/
NASA Space Weather Media Viewer	Live views of the sun in different wavelengths from the Solar Dynamics Observatory (SDO) satellite. Track sunspots and solar storms over time. **Solar Week March 23-27, 2020	General public, potentially students intermediate grades and up.	https://sunearthday.nasa.gov/spaceweather/
NASA STEM at Home	A variety of engaging activities in STEM content areas designed for families to complete at home.	Families/students in grades K-4	https://www.nasa.gov/steam-at-home-for-students-k-4.html
NASA STEM Lessons From Space	<ul style="list-style-type: none"> STEMonstration videos of experiments conducted on the iSS A variety of activities and lesson plans in each STEM discipline 	Each series of lessons vary with targeted student groups K-12	https://www.nasa.gov/audience/foreducators/steam-on-station/lessons_from_space/index.html



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NASA Spot the Station	Times, directions and longevity of opportunities to visually see the international space station in the night sky over San Antonio.	Elementary through adult	https://spotthestation.nasa.gov/sightings/view.cfm?country=United_States&region=Texas&city=San_Antonio#.XnPtN5NKiL6
NASA Wavelength	A NASA Resource Repository with a search engine to locate topic related materials	Varies with topics and resources sought	https://science.nasa.gov/learners/wavelength
NASA eClips	A repository of NASA Educator Guides and resources	Varies with topics and resources sought	https://nasaclips.arc.nasa.gov/resources/guides
NASA Earth Observatory	Amazing imagery, articles and activities designed by the teams working with the satellites that study the Earth from space.	Children ages 9 - 14 yrs	https://earthobservatory.nasa.gov/blogs/eokids/
NASA Windows on the Earth	Images of the earth taken by the astronauts from space	Middle grades and older.	https://www.windowsonearth.org/