
2021 - 2022 COMMUNITY RESOURCE GUIDE



Millard House II
Superintendent of Schools

Houston Independent School District Board of Education

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Family and Community Engagement Department
Ryan Professional Development Center
4001 Hardy Street, Houston, Texas 77009
www.HoustonISD.org/face

It is the policy of the Houston Independent School District not to discriminate on the basis of age, color, handicap or disability, ancestry, national origin, marital status, race, religion, sex, veteran status, political affiliation, sexual orientation, gender identity and/or gender expression in its educational or employment programs and activities.

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS ENRICHMENT

Science, Technology, Engineering, and Mathematics Enrichment:

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	Phone	Ages/Grades Served	Costs	Onsite at Schools	Languages
1	281-274-2668 281-274-2667	Ages 3-13, Ages 4-13, and Grades K-12	Costs vary	Yes	English
2	713-535-7217 713-535-7270	All ages	Costs vary	Yes	English, Spanish, others
3	832-395-3791 832-395-3790	Grades K-12	Costs vary	Yes	English
4	866-641-8482 281-961-4353	Grades 10-12	Free	No	English
5	713-926-3305	Grade 3	Free	Yes	English, Spanish
6	281-499-9997	Grades PK-8	Costs vary	No	English

7	713-729-3200	Grades 3-5	Costs vary	No	Chinese, English, Hebrew, Russian, Spanish, Yiddish
8	713-743-3429	Grades 6-8	Free	No	English, Spanish

	Phone	Ages/Grades Served	Costs	Onsite at Schools	Languages
9	512-471-7807	Grades 9-12	Free	Yes	English
10	281-741-1624	All ages	Free	Yes	English
11	713-802-2260	Ages 6-14	Costs vary	Yes	English, Spanish
12	713-681-8433 713-366-0426	Grades 6-12	Costs vary	No	English
13	713-639-4629 713-639-4659 713-639-4617	Grades K-12	Costs vary	Yes	Arabic, Chinese, English, French, Spanish
14	713-533-6739	Grades K-8 and Grades K-12	Free	No	English
15	713-521-1515	Ages 5-13	Costs vary	No	English, Spanish
16	713-337-8450	Grades 9-12	Costs vary	No	English
17	713-236-0620	Grades 6-8	Costs vary	Yes	English, Spanish
18	281-483-8712	Grades K-12	Free	Yes	English, Spanish
19	281-483-4112	Grade 11	Free	Yes	English, Spanish
20	281-679-8040	Grades K-12	Costs vary	No	English
21	888-709-8324 408-871-3700	Ages 10-15	Costs vary	No	English
22	713-348-6274	Grades 9-12	Free	No	English
23	713-348-5648	Grades 8-9	Costs vary	No	English
24	713-348-5648	Ages 13-18	Costs vary	No	English
25	713-348-8208	Grades 10-11	Free	No	English
26	713-348-8208	Grade 7	Free	No	English
27	713-348-6076	Grades K-12	Costs vary	No	English
28	281-478-3635 281-478-2772	Grades 7-9	Free	No	English
29	281-283-4755	Ages 4-14	Costs vary	No	English
30	713-743-7661 913-743-8644	Grades 5-8	Costs vary	No	English
31	Not available	Grades 8-12	Costs vary	No	English
32	713-221-8032	Grades 1-9	Costs vary	No	English
33	713-221-8686	Grades 6-12	Free	No	English
34	888-963-9963	Ages 15-18	Costs vary	No	English
35	888-963-9963	Ages 15-18	Costs vary	No	English
36	512-471-5650	Grades K-12	Costs vary	No	English

Armand Bayou Nature Center

Address: 8500 Bay Area Boulevard, Pasadena, TX 77507

Area Served: Greater Houston

Days/Hours: Office: Wednesday-Saturday, 9am-5pm, Sunday, 12pm-5pm. • Nature Camps: Monday-Friday, 8:30am-11:30am and 12:30pm-3:30pm. • Field trips: Monday-Friday, 9am-3pm.

Contact: Kathy Gardner, Program Coordinator

Phone: 281-274-2668 or 281-274-2667

Fax: 281-474-2552

Email: General questions: abnc@abnc.org. • Field trips: kathy@abnc.org.

Website: <http://www.abnc.org/field-trip-planner.html>

Local Bus Routes: Not available

Ages/Grades Served: Winter Eco-Camp: Ages 3-13. • Summer Eco-Camp: Ages 4-13. • Field trips: Grades K-12.

Eligibility: Requires registration for programs. • Requires at least 10 persons per school field trip visit. • Maximum is 80 students at any one time. • Requires one adult chaperone per 10 students.

Costs: Costs vary. • One field trip chaperone for every 10 students is free. • Half-day summer camp sessions are \$145-\$175; full days are \$290-\$350. • Half-day winter camp sessions are \$100-\$120; full days are \$200-\$240. • Call to ask about specific costs.

Onsite at Schools: Yes. • Speakers present at schools about the wildlife and environments at the Center.

Languages: English

Direct Services: Offers hands-on, interactive activities and tours that demonstrate interrelationships among plants, animals, and humans and the bayou, forest, and prairie ecologies. • Offers a free Wetlands Education Curriculum Guide. • Operates weeklong summer eco-camps as day-camps. • Also operates a pair of two-day-long winter eco-camps. • Offers speakers to present at schools.

Children's Museum of Houston – Adventures After School Program

Address: 1500 Binz Street, Houston, TX 77004

Area Served: Greater Houston

Days/Hours: Museum: Tuesday-Wednesday, 10am-6pm, Thursday, 10am-8pm, Friday-Saturday, 10am-6pm, Sunday, 12pm-6pm. • Adventures After School: Monday-Friday, 3:50pm-5:50pm.

Contact: Fernando Perez or Mary Ellen Salas

Phone: Mathematics Enrichment: 713-535-7217. • Adventures After School: 713-535-7270.

Fax: 713-522-5747

Email: Mathematics Enrichment: fperez@cmhouston.org. • Adventures After School: msalas@cmhouston.org.

Website: <http://www.cmhouston.org/afterschool>

Local Bus Routes: 700 (METRO rail), 56

Ages/Grades Served: All ages

Eligibility: Museum is open to the general public. • Students in after-school and summer programs must attend Edison Middle School (HISD).

Costs: Costs vary. • After-school program is free. • General admission is \$10 for ages 1-64 and \$9 for ages 65+. • Museum members are free. • Admission is free for families on Thursday, 5pm-8pm. • Call to ask about specific costs.

Onsite at Schools: Yes. • Schools can host a Museum hands-on family learning event.

Languages: English, Spanish, and 55+ other languages

Direct Services: Offers Adventures After School at the Museum. • Also offers a mathematics-based after-school enrichment program. • Offers family learning activities focused on literacy, science, and mathematics and including bilingual activity guidebooks. • Also offers parent workshops based on 15 different themes, which are designed to empower parents as the first teacher of their child.

City of Houston – Water Works Education Center

Address: 12121 North Sam Houston Parkway East, Humble, TX 77396

Area Served: Greater Houston

Days/Hours: Office: Monday-Friday, 9am-4pm. • Field trips: Monday-Friday, 9am-5:30pm.

Contact: Yvonne Forrest, Senior Assistant Director, Education and Outreach Program

Phone: Field trips: 832-395-3791. • Guest speakers: 832-395-3790.

Fax: 832-395-3788

Email: waterworks@houston.tx.gov

Website: <https://www.houstonwaterworks.org>

Local Bus Routes: Not available

Ages/Grades Served: Grades K-12

Eligibility: Requires a completed reservation form. • Limits school field trip visits to 15-35 persons per visit. • Requires one adult chaperone per 10 students. • All chaperones must present photographic identification (photo ID). • Admission is by appointment only. • Reservations are on a first come, first served basis.

Costs: Costs vary. • School field trips are free. • Teacher workshops for Project WET (Water Education for Teachers) are \$10 per person. • Call to ask about specific costs.

Onsite at Schools: Yes. • Provides guest speakers and educational materials for schools.

Languages: English

Direct Services: Hosts two-hour school field trip visits at the Northeast Water Purification Plant. • Water science themes include: water cycle, water conservation, wetlands, water quality and pollution, watersheds, and water treatment/distribution. • Aligns all hands-on activities with Texas Essential Knowledge and Skills (TEKS) science standards. • Also provides interactive exhibits, demonstrations, tours, and Water Education for Teachers (WET) teacher workshops.

DREME Foundation – Summer STEM Academy

Address: 1623 West Chelsea Place, Seabrook, TX 77586

Area Served: Greater Houston

Days/Hours: Office: Monday-Friday, 8am-4pm. • Summer STEM Academy: Monday-Friday, 8am-4pm.

Contact: Cheryl McNair, Chairman

Phone: 866-641-8482 or 281-961-4353

Fax: 281-326-4022

Email: info@dremefoundation.org

Website: <http://dremefoundation.org/science-literacy-camp-2/dreme-summer-camp-student-information>

Local Bus Routes: Not available

Ages/Grades Served: Grades 10-12

Eligibility: Must be entering Grades 10-12 in the fall. • Must submit a completed application form. • Must submit recommendations from a mathematics teacher and a science teacher.

Costs: Free

Onsite at Schools: No

Languages: English

Direct Services: Offers a five-day summer educational day camp in Science, Technology, Engineering, and Mathematics (STEM). • Camp focuses on building and operating drones, three-dimensional (3D) printing, job seeking skills, and career readiness.

East End Chamber of Commerce – STEM Town USA

Address: 550 Gulfgate Center, Houston, TX 77087

Area Served: Houston: East End

Days/Hours: Monday-Friday, 8am-5pm

Contact: Samantha Reyna

Phone: 713-926-3305

Fax: 713-926-0960

Email: samantha@eecoc.org

Website: <http://www.eecoc.org/stem-town-usa>

Local Bus Routes: 40, 76

Ages/Grades Served: Grade 3

Eligibility: Must be a girl who is enrolled in Grade 3 and who attends a pre-selected elementary school.

Costs: Free

Onsite at Schools: Yes. • Operates a Science, Technology, Engineering, and Mathematics (STEM) program for girls in Grade 3 at three pre-selected HISD elementary schools.

Languages: English, Spanish

Direct Services: Offers a school-year Science, Technology, Engineering, and Mathematics (STEM) enrichment program to encourage girls to pursue STEM careers by involving them in real-world STEM activities that showcase the fun side of mathematics and science. • Also promotes community and economic development in the East End of Houston.

Engineering for Kids

Address: 1 Main Street, Houston, TX 77002

Area Served: Greater Houston

Days/Hours: Monday-Friday, 8:30pm-4pm

Contact: Cepada Grimes

Phone: 281-499-9997

Fax: Not available

Email: greaterhouston@engineeringforkids.com

Website: <http://www.engineeringforkids.net/location/greaterhouston/camps>

Local Bus Routes: 700 (METRO rail), 85, 162

Ages/Grades Served: Grades PK-8

Eligibility: Provides an online program request form. • Requires registration before camp.

Costs: Costs vary. • Call to ask about specific costs.

Onsite at Schools: Yes. • Programs of varied lengths are available to take place at schools.

Languages: English

Direct Services: Offers half-day and full-day camps for Grades PK-2, Grades 3-5, and Grades 6-8. • Provides activities to build problem-solving skills, discover how things work, explore engineering as a career option, learn mathematics and science while having fun, and engage in real-world engineering problems.

Evelyn Rubinstein Jewish Community Center of Houston – STEM Camp

Address: 5601 South Braeswood Boulevard, Houston, TX 77096

Area Served: Houston

Days/Hours: Office: Sunday, 9am-6pm, Monday-Thursday, 7am-10pm, Friday, 9am-6pm. • STEM Camp: Monday-Friday, 9am-3:30pm.

Contact: Anita Bormester Director of Children and Camping Services – Julie Levine

Phone: General questions: 713-729-3200. • Programs: 713-729-3200 Ext. 3246.

Fax: 713-551-7223

Email: abormester@erjcchouston.org

Website: <http://www.erjcchouston.org/camp-directory/1st-5th-grade-camps>

Local Bus Routes: 32, 47, 68

Ages/Grades Served: Grades 3-5

Eligibility: Focuses on the Jewish community. • Must meet grade-level requirements.

Costs: Costs vary. • STEM camps are \$284-\$335 per week. • Call to ask about specific costs.

Onsite at Schools: No

Languages: Chinese, English, Hebrew, Russian, Spanish, Yiddish

Direct Services: Offers Science, Technology, Engineering, and Mathematics (STEM) camp experiences such as building roller coasters, hovercrafts, rockets, and racecars; exploring chemical reactions; and doing forensic investigations.

ExxonMobil Bernard Harris Summer Science Camp

Address: 1330 Post Oak Boulevard, Suite 2550, Houston, TX 77056

Area Served: Greater Houston

Days/Hours: Operates as a two-week residential camp. • First week: Monday-Friday, 24 hours/day. • Second week: Arrivals on Sunday, then Monday-Friday, 24 hours/day.

Contact: Mariam Manuel

Phone: 713-743-3429

Fax: 713-877-8669

Email: info@theharrisfoundation.org

Website: <http://www.theharrisfoundation.org/sitecontent/565/summer-science-camp/category/457/education.aspx>

Local Bus Routes: 33

Ages/Grades Served: Grades 6-8

Eligibility: Must submit an application. • Must be entering Grades 6-8 and a member of a traditionally underserved and underrepresented group. • Must have a grade point average (GPA) of at least a B overall in mathematics and science. • Must score at the median to superior level on standardized mathematics and

science tests. • Must submit an essay and must have exhibited an interest in mathematics and science. • Requires strong recommendations from current mathematics and science teachers.

Costs: Free

Onsite at Schools: No

Languages: English, Spanish

Direct Services: Offers a two-week, academic, residential camp that integrates a Science, Technology, Engineering, and Mathematics (STEM) core curriculum with field trips and other educational experiences that connect classroom work and the real world. • Provides counseling about academic, career, and social issues that a student may face. • Offers diverse extracurricular activities during non-class time.

Geo Force Texas

Address: 10100 Burnet Road, Building 196, Austin, TX 78758

Area Served: Texas

Days/Hours: Monday-Friday, 8am-5pm

Contact: Lindsay Stephens, Program Coordinator

Phone: 512-471-7807

Fax: Not available

Email: General questions: geoforce@jsg.utexas.edu. • Programs: lstephens@jsg.utexas.edu.

Website: <http://www.jsg.utexas.edu/geoforce>

Local Bus Routes: Not available

Ages/Grades Served: Grades 9-12

Eligibility: Must have no grade lower than a B in mathematics and science in Grades 7-8. • Must have a grade point average (GPA) of at least 3.0 in Grades 7-8. • Must submit an essay and a teacher recommendation.

Costs: Free

Onsite at Schools: Yes. • GeoForce Texas works with 18 HISD middle schools.

Languages: English

Direct Services: Coordinates field trips to geological settings in Texas and the United States of America where students meet and learn about geoscientists and explore career paths in geosciences. • Bases its operations at the Jackson School of Geosciences at the University of Texas.

Geophysical Society of Houston – Geoscience Center/Museum

Address: 1790 West Sam Houston Parkway North, Houston, TX 77043

Area Served: Greater Houston

Days/Hours: Wednesday, 9am-1pm

Contact: Bill Gafford

Phone: 281-741-1624

Fax: 281-741-9364

Email: General questions: office@gshtx.org. • Programs: geogaf@hal-pc.org.

Website: <https://www.gshtx.org>

Local Bus Routes: 46, 58, 70

Ages/Grades Served: All ages

Eligibility: No area restrictions. • Museum is open to the general public. • Accepts appointments for visits at times other than Wednesdays.

Costs: Free

Onsite at Schools: Yes. • Conducts outreach at HISD career days, school career fairs, and other events.

Languages: English

Direct Services: Operates a small museum of geophysical artifacts. • Provides workshops with resources for teachers to create interactive displays, hands-on activities, and educational materials for science fairs, career days, and similar school activities. • Provides speakers at career fairs, science fairs, and similar events.

Girls Incorporated of Greater Houston – Operation SMART

Address: 1235 North Loop West, Suite 118, Houston, TX 77008

Area Served: Greater Houston

Days/Hours: Monday-Friday, 8am-5pm

Contact: Rita LaDuca, Executive Director

Phone: 713-802-2260

Fax: 713-802-2907

Email: General questions: gi@girlsinc-houston.org • Programs: rita@girlsinc-houston.org

Website: <http://www.girlsinc.org/resources/programs/girls-inc-operation-smart.html>

Local Bus Routes: 26

Ages/Grades Served: Ages 6-14

Eligibility: Must be a girl. • Must meet age requirements.

Costs: Costs vary. • Partner school pays a flat fee of \$30 per hour plus mileage. • Fee includes programming for groups of 8-15 girls, materials and supplies, and a trained facilitator for the duration of the program.

Onsite at Schools: Yes. • Offers programs at several HISD schools.

Languages: English, Spanish

Direct Services: Provides age-appropriate, hands-on Science, Technology, Engineering, and Mathematics (STEM) activities in 60- to 90-minute sessions where groups of 8-15 girls at a time can explore STEM careers and scientific thinking, pose questions, and pursue solutions. • Also offers programs in economic literacy, media literacy, violence prevention, and other topics.

Houston Arboretum and Nature Center – Water Quality Monitoring Program

Address: 4501 Woodway Drive, Houston, TX 77024

Area Served: Greater Houston

Days/Hours: Office: Monday-Sunday, 9am-5pm. • Water Quality Monitoring: Tuesday-Friday, 9:30am-11:30am.

Contact: Debbie Markey, Executive Director

Phone: General questions: 713-681-8433. • Programs: 713-366-0426.

Fax: 713-682-2539

Email: Registration: register@houstonarboretum.org • Programs: schoolprograms@houstonarboretum.org

Website: <http://houstonarboretum.org/school-programs/water-quality-monitoring>

Local Bus Routes: 20, 33, 84

Ages/Grades Served: Grades 6-12

Eligibility: Requires groups of 10-40 students. • Requires one adult chaperone per 10 students. • Provides an online field-trip reservation form.

Costs: Costs vary. • Program is \$10 per student. • Charges \$7 per chaperone over the required 1:10 ratio. • Bus parking is free. Parking is free to members and every Thursday. Pay for parking at the parking kiosks. It is a dollar/hour with a \$5 maximum.

Onsite at Schools: No

Languages: English

Direct Services: Offers opportunities for students to monitor water quality and to survey aquatic plants and animals • Offers winter, spring, and summer camps for children. • Also offers docent-led field trips for schools.

Houston Museum of Natural Science

Address: 5555 Hermann Park Drive, Houston, TX 77030

Area Served: Greater Houston

Days/Hours: Museum: Monday-Sunday, 9am-5pm, Summer/Holiday Hours, 9am-6pm • Field trips: Monday-Saturday, 9am-5pm.

Contact: fieldtrips@hmns.org

Phone: Office: 713-639-4629. • Field trips: 713-639-4659.

Fax: Office: 713-523-4125. • Field trips: 713-639-4775.

Email: General questions: fieldtrips@hmns.org • Programs: educationquestions@hmns.org

Website: <http://www.hmns.org/education/educators/field-trips>

Local Bus Routes: 700 (METRO rail), 56, 298

Ages/Grades Served: Grades K-12

Eligibility: Museum is open to the general public. • Schools must book their Field Trip in advance and must have at least one chaperone per 10 students. • Groups must include at least 10 students to receive the Field Trip rate. • Requires at least two weeks of advance notice for tour bookings.

Costs: Costs vary. • Everyone attending the Field Trip must pay for admission – students, chaperones, teachers, administration, bus drivers, etc. • Permanent Exhibit Halls: \$4.00; Planetarium: \$3.50; Butterfly Center: \$4.50; Giant Screen Theatre: \$5.00 • Admission is free only for the Permanent Exhibits Halls on Thursday, 2pm-5pm (school year) or 6pm-9pm (summer). • Admission to Permanent Exhibits Halls is free for members of all ages, \$16.00 per non-member child, and \$25.00 per non-member adult. • Docents are available at \$10.00 per docent, with one docent required per 10 visitors. • Discovery Guided Tours are available at \$30.00 per 15 visitors.

Onsite at Schools: Yes. • Provides curricular materials and onsite outreach programs to supplement school field trips.

Languages: English, French, Spanish

Direct Services: Designs curricular materials for school field trips to reinforce Texas Essential Knowledge and Skills (TEKS) objectives and to elevate the excitement of students about learning science all school year. • Provides curricular units for all permanent and special exhibits. • Units include TEKS objectives, vocabulary, a knowledge hunt, and extension activities for Grades K-8. • High school units are available, with two weeks of advance notice, upon request.

Houston Zoo – Students as Field Researchers

Address: 6200 Hermann Park Drive, Houston, TX 77030

Area Served: Greater Houston

Days/Hours: Zoo: Monday-Sunday, 9am-6pm. • Students as Field Researchers: Monday-Friday, 9am-1pm.

Contact: Melissa Wong

Phone: 713-533-6739

Fax: 713-533-6783

Email: education@houstonzoo.org

Website: <http://www.houstonzoo.org/education/school-programs>

Local Bus Routes: 700 (METRO rail), 56

Ages/Grades Served: Curricular Supplements: Grades K-8. • Students as Field Researchers: Grades K-12.

Eligibility: Requires one chaperone per 20 students. • Maximum is 60 students. • Requires registration for the program. • Provides an online field trip reservation request form.

Costs: Free

Onsite at Schools: No

Languages: English

Direct Services: Supports use of hands-on techniques and tools to explore prairie and coastal ecology. • Curriculum aligns with Texas Essential Knowledge and Skills (TEKS) objectives. • Activities include seining for marine life, insect sweeping, identifying coastal birds, water quality testing, identifying native plants, and identifying tracks and scat.

John P. McGovern Museum of Health and Medical Science – Discovery Camps

Address: 1515 Hermann Drive, Houston, TX 77004

Area Served: Greater Houston

Days/Hours: Office: Monday-Saturday, 9am-5pm, Sunday, 12pm-5pm. • Discovery Camps: Monday-Friday, 8:30am-3:30pm. • Extended care: Monday-Friday, 7:30am-8:30am and 3:30pm-5:30pm.

Contact: Amy Kapadia, Senior Program Manager

Phone: General questions: 713-521-1515. • Discovery Camps: 713-521-1515 Ext. 121.

Fax: Not available

Email: camps@thehealthmuseum.org

Website: <http://www.thehealthmuseum.org/educational-program/2017-discovery-camps>

Local Bus Routes: 700 (METRO rail), 56

Ages/Grades Served: Ages 5-13

Eligibility: Camps are filled on a first come, first served basis. • Requires an application if requesting financial aid. • Must demonstrate need to receive financial aid.

Costs: Costs vary. • Camp is \$325-\$350. • Family workshops are \$15-\$20. • Offers financial aid for discovery camps on a first come, first served basis to families who demonstrate need. • Before-camp care is \$50 per child per week. • After-camp care is \$75 per child per week.

Onsite at Schools: No

Languages: English, Spanish

Direct Services: Operates weeklong thematic day camps for ages 5-7, ages 8-10, and ages 11-13. • Specific day camp programs vary by age group. • Also offers hands-on family workshops for ages 8+.

John P. McGovern Museum of Health and Medical Science – Global Teen Medical Summit

Address: 1515 Hermann Drive, Houston, TX 77004

Area Served: Greater Houston

Days/Hours: Monday-Saturday, 9am-5pm, Sunday, 12pm-5pm

Contact: Amy Kapadia, Senior Program Manager

Phone: 713-337-8450

Fax: Not available

Email: General questions: teensummit@thehealthmuseum.org • Programs: akapadia@thehealthmuseum.org

Website: <http://www.thehealthmuseum.org/educational-program/faces-innovation-global-teen-medical-summit>

Local Bus Routes: 700 (METRO rail), 56

Ages/Grades Served: Grades 9-12

Eligibility: Must meet grade level requirements. • Requires one chaperone per 10 students. • Requires registration for the summits.

Costs: Costs vary. • Individual cost is \$775-\$1295. • Chaperone cost is \$700-\$925. • Offers a need-based scholarship. • Call to ask about specific details.

Onsite at Schools: No

Languages: English

Direct Services: Offers two five-day summits about the present and future practice of medicine. • Provides visits to the medical center, hands-on meetings with medical experts, presentations by medical experts, evening social events, and other activities.

LULAC National Educational Service Centers, Inc. – Science Corps

Address: 6200 Gulf Freeway, Houston, TX 77023

Area Served: Greater Houston

Days/Hours: Monday-Friday, 8am-5pm

Contact: Rose Ann Blanco, Director

Phone: 713-236-0620

Fax: 713-236-0670

Email: rblanco@lnesc.org

Website: <http://www.lnesc.org/science-corps>

Local Bus Routes: 28, 40

Ages/Grades Served: Grades 6-8

Eligibility: Focuses on girls, minority students, and low-income students.

Costs: Costs vary. • Call to ask about specific costs.

Onsite at Schools: Yes. • Operates programs at seven HISD schools.

Languages: English, Spanish

Direct Services: Holds weekly meetings on topics related to Science, Technology, Engineering, and Mathematics (STEM): engineering, nanotechnology, physics, environmental science, energy, and sustainability. • Offers a curriculum with activity-based modules and sessions led by STEM professionals.

NASA Johnson Space Center – Education Outreach Project

Address: NASA JSC Code AE2, 2101 NASA Parkway, Houston, TX 77058

Area Served: Greater Houston

Days/Hours: Monday-Friday, 9am-5pm

Contact: Education Outreach Coordinator

Phone: 281-483-8712

Fax: 281-483-3789

Email: eduoutre@ems.jsc.nasa.gov

Website: https://www.nasa.gov/offices/education/programs/descriptions/Education_Outreach_Project.html

Local Bus Routes: 249

Ages/Grades Served: Grades K-12

Eligibility: Must be located within a 50-mile radius of the Center. • Requires 28-42 days of advance notice for requests for services.

Costs: Free

Onsite at Schools: Yes. • Offers speakers at schools within a 50-mile radius of the Space Center.

Languages: English, Spanish

Direct Services: Provides volunteers from the Center who may lecture or perform hands-on activities in the classroom or may offer career shadowing, tutoring, mentoring, and judging at science fairs. • Also offers presentations at schools within a 50-mile radius of the Space Center.

NASA Johnson Space Center – High School Aerospace Scholars

Address: NASA JSC Code AE2, 2101 NASA Parkway, Houston, TX 77058

Area Served: Greater Houston

Days/Hours: Monday-Friday, 9am-5pm

Contact: Not available

Phone: 281-483-4112

Fax: Not available

Email: jsc-aeroscho@mail.nasa.gov

Website: <https://nas.okstate.edu/has>

Local Bus Routes: 249

Ages/Grades Served: Grade 11

Eligibility: Must be a high school junior and a citizen of the United States of America. • Must commit to a one-year relationship with NASA. • Requires Internet access at home, at school, or at a library.

Costs: Free

Onsite at Schools: Yes. • Offers presentations at schools within a 50-mile radius of the Space Center.

Languages: English, Spanish

Direct Services: Provides interactive lessons and summer team projects that integrate space exploration, earth science, technology, and aeronautics. • Weeklong residential summer camps feature tours of NASA facilities, interaction with NASA engineers and scientists, and hands-on engineering and design activities.

Offshore Energy Center

Address: 200 North Dairy Ashford Road, Suite 4119, Houston, TX 77079

Area Served: Greater Houston

Days/Hours: Center: Monday-Friday, 10am-5pm. • Family Days: 2nd Saturday each month, 10am-3pm.

Contact: Not available

Phone: 281-679-8040

Fax: 281-544-2441

Email: Center: oec@oceanstaroec.com. • Museum: osmuseum@oceanstaroec.com.

Website: <http://www.oceanstaroec.com>

Local Bus Routes: 153, 162

Ages/Grades Served: Grades K-12

Eligibility: Energy Center is open to the general public.

Costs: Costs vary. • General Museum admission is free for children ages 0-6, \$5 for ages 7-18, \$9 for adults ages 19-54, and \$6 for adults ages 55+. • Offers a monthly Family Day on themes related to the offshore petroleum industry with free admission for children ages 0-17. • Call to ask about specific costs.

Onsite at Schools: No

Languages: English

Direct Services: Operates the Ocean Star Offshore Drilling Rig Museum and Education Center. • Provides exhibits about offshore oilrigs and specialized oilfield equipment. • Provides exhibits about the history and safety of offshore oil drilling technologies. • Aligns its Expanding Energy Education curriculum with Texas Essential Knowledge and Skills (TEKS) content standards. • Organizes field trips, overnights, and summer camps for K-12 schools.

Rice University – Alexa Café

Address: 6100 Main Street, Houston, TX 77005

Area Served: Greater Houston

Days/Hours: Monday-Friday, 6am-5pm

Contact: Not available

Phone: 888-709-8324 or 408-871-3700

Fax: Not available

Email: Not available

Website: <https://www.idtech.com/locations/texas-summer-camps/houston/alexa-cafe-rice-university>

Local Bus Routes: 700 (METRO rail), 56

Ages/Grades Served: Ages 10-15

Eligibility: Must be a girl. • Must meet age requirements.

Costs: Costs vary. • Tuition is \$949-\$1049 per course. • Call to ask about specific costs.

Onsite at Schools: No

Languages: English

Direct Services: Offers a weeklong summer program of courses in coding, cyber security, game design, photography, three-dimensional (3D) animation, video production, wearable technology, and web design.

Rice University – Design Connect Create Physics Camp for Young Women

Address: 6100 Main Street, Houston, TX 77005

Area Served: Greater Houston

Days/Hours: Monday-Friday, 9am-3pm

Contact: Amber Szymczyk, Program Manager

Phone: 713-348-6274

Fax: Not available

Email: amber.s@rice.edu

Website: <http://www.rstem.rice.edu/energy-sustainability-explorations>

Local Bus Routes: 700 (METRO rail), 56

Ages/Grades Served: Girls in Grades 9-12

Eligibility: Must be a girl enrolled in HISD in Grades 9-12 at the time of application. • Must have completed pre-AP Chemistry and plan to take Pre-AP Physics in the fall. • Must submit a short essay.

Costs: Free

Onsite at Schools: No

Languages: English

Direct Services: Offers an on-campus, two-week, hands-on, day camp to explore and have fun with physics.

Rice University – Energy and Sustainability Explorations Academy

Address: 6100 Main Street, Houston, TX 77005

Area Served: Greater Houston

Days/Hours: Monday-Friday, 9am-3pm

Contact: Gabriela Galvan, Program Manager

Phone: 713-348-5648

Fax: 713-348-5320

Email: General questions: ggalvan@rice.edu. • Programs: carrieo@rice.edu.

Website: <http://www.rstem.rice.edu/energy-sustainability-explorations>

Local Bus Routes: 700 (METRO rail), 56

Ages/Grades Served: Grades 8-9

Eligibility: Requires an application. • Must be in Grade 8 or Grade 9 at the time of application.

Costs: Costs vary. • Academy tuition is \$350. • Call to ask about specific costs.

Onsite at Schools: No

Languages: English

Direct Services: Offers an on-campus, one-week, hands-on, summer academy to learn about fossil fuels (chemical energy) and alternative energy (fuel cells, solar cells).

Rice University – iD Coding and Engineering Academy

Address: 6100 Main Street, Houston, TX 77005

Area Served: Greater Houston

Days/Hours: Monday-Friday, 6am-5pm

Contact: Not available

Phone: 888-709-8324 or 408-871-3700

Fax: Not available

Email: Not available

Website: <https://www.idtech.com/locations/texas-summer-camps/houston/id-programming-rice-university>

Local Bus Routes: 700 (METRO rail), 56

Ages/Grades Served: Ages 13-18

Eligibility: Must meet age requirements.

Costs: Costs vary. • Tuition is \$3,799-\$4,049 per session. • Call to ask about specific costs.

Onsite at Schools: No

Languages: English

Direct Services: Offers a two-week, residential, intensive, pre-college academy in applications, coding, cyber security, engineering, smartphones, and robotics.

Rice University – National Science Foundation Solar Academy for High School Students

Address: 6100 Main Street, Houston, TX 77005

Area Served: Greater Houston

Days/Hours: Monday-Friday, 9am-3pm

Contact: Gabriela Galvan, Program Manager

Phone: 713-348-8208

Fax: 713-348-5320

Email: ggalvan@rice.edu

Website: <http://www.rstem.rice.edu/solar-academy>

Local Bus Routes: 700 (METRO rail), 56

Ages/Grades Served: Grades 10-11

Eligibility: Requires an application. • Must be in Grade 10 or Grade 11 at the time of application. • Gives priority to HISD students.

Costs: Free

Onsite at Schools: No

Languages: English

Direct Services: Explores ideas about the sun through group-based activities.

Rice University – Schlumberger Computer Engineering Design Academy for Middle School Girls

Address: 6100 Main Street, Houston, TX 77005

Area Served: Greater Houston

Days/Hours: Monday-Friday, 8:30am-12pm

Contact: Gabriela Galvan, Program Manager

Phone: 713-348-8208

Fax: 713-348-5320

Email: General questions: ggalvan@rice.edu. • Programs: carrieo@rice.edu.

Website: <http://www.rstem.rice.edu/computer-design-academy>

Local Bus Routes: 700 (METRO rail), 56

Ages/Grades Served: Grade 7

Eligibility: Must be a girl in Grade 7. • Gives priority to HISD students.

Costs: Free

Onsite at Schools: No

Languages: English

Direct Services: Offers an on-campus, two-week, hands-on, summer academy for middle school girls to learn computer-aided design and to create three-dimensional (3D) objects using rapid prototyping technologies.

Rice University – School Mathematics Project

Address: 5615 Kirby Drive, Suite 301, Houston, TX 77005

Area Served: Greater Houston

Days/Hours: Monday-Thursday, 8:30am-3:30pm

Contact: Anne Papakonstantinou, Project Director

Phone: 713-348-6076

Fax: 713-348-5248

Email: apapa@rice.edu

Website: <https://rusmp.rice.edu>

Local Bus Routes: 27, 41, 65

Ages/Grades Served: Grades K-12

Eligibility: Primarily serves teachers of mathematics. • Limits project courses to 20 participants.

Costs: Costs vary. • Call to ask about specific costs.

Onsite at Schools: No

Languages: English

Direct Services: Provides a rigorous, two-week credit-awarding summer program in mathematics.

San Jacinto College – Energy Venture Summer Camps

Area Served: Greater Houston

Location	Address	Phone	Contact	Bus Routes
North Campus	5800 Uvalde Road, Houston, TX 77049	281-478-3635 281-478-2772	Ashley Williams	Not available
South Campus	13735 Beamer Road, Houston, TX 77089	281-478-3635 281-478-2772	Ashley Williams	88

Days/Hours: Monday-Thursday, 8am-5pm, Friday, 8am-12pm

Fax: Not available

Email: Ashley.Williams@sjcd.edu

Website: <http://www.sanjac.edu/continuing-professional-development/youth-programs/energy-venture-camp>

Ages/Grades Served: Grades 7-9

Eligibility: Must attend the grade levels served. • Requires an application.

Costs: Free

Onsite at Schools: No

Languages: English

Direct Services: Offers a weeklong camp to expose students to energy industry careers and prepare them for careers in the energy industry.

Space Center Houston – Day Camps

Address: 1601 NASA Parkway, Houston, TX 77058

Area Served: Greater Houston

Days/Hours: Day Camps: Monday-Friday, 8:30am-3:15pm. • Extended care: Monday-Friday, 7am-8:30am and 3:15pm-6pm.

Contact: Not available

Phone: 281-283-4755

Fax: 281-281-4766

Email: reservations@spacecenter.org

Website: <http://spacecenter.org/day-camps>

Local Bus Routes: 249

Ages/Grades Served: Ages 4-14

Eligibility: Must meet age requirements. • Requires registration for the day camps.

Costs: Costs vary. • Individual day camps are \$55 per day. • Weeklong day camps are \$225-\$350. • Before-camp care is \$15 per day. • After-camp care is \$20 per day. • Call to ask about specific costs.

Onsite at Schools: No, but the Space Center has many other programs that host field trips.

Languages: English

Direct Services: Operates day camps for ages 4-5, ages 6-8, ages 9-11, and ages 12-14. • Specific camp programs vary by age group.

University of Houston – Cougar STEM Camp

Address: 4800 Calhoun Road, Houston, TX 77004

Area Served: Greater Houston

Days/Hours: Monday-Friday, 10am-3pm

Contact: Wanetta Jones-Allen, Camp Coordinator

Phone: General questions: 713-743-7661. • Program: 913-743-8644.

Fax: Not available

Email: stemcamp@central.uh.edu

Website: <http://teachhouston.uh.edu/summer-camps>

Local Bus Routes: 900 (METRO rail), 25, 29

Ages/Grades Served: Grades 5-8

Eligibility: Requires registration online for the camps.

Costs: Costs vary. • Camps are \$350 for one week, \$600 for two weeks, \$750 for three weeks, or \$900 for four weeks. • Before-camp care and after-camp care are \$50 per week for each or \$75 per week for both. • Call to ask about specific costs.

Onsite at Schools: No

Languages: English

Direct Services: Offers weeklong camp sessions that focus on crime scene investigations, engineering design, movie magic, robotics, and rockets.

University of Houston – Cullen College of Engineering – GRADE Camp

Address: E316A Engineering Building 2, University of Houston, Houston, TX 77204

Area Served: Greater Houston

Days/Hours: Office: Monday-Thursday, 9am-4:30pm, Friday, 9am-3pm. • GRADE Camp: Monday-Friday, 9am-4:30pm.

Contact: GRADE Camp Director

Phone: Not available

Fax: 713-743-4444

Email: grade2017@egr.uh.edu

Website: <http://www.egr.uh.edu/grade/about>

Local Bus Routes: 900 (METRO rail), 25, 29

Ages/Grades Served: Grades 8-12

Eligibility: Must be a girl entering Grades 8-12. • Must have completed or be taking appropriate mathematics and science courses for the grade-level of the student. • Must have an interest in or curiosity about engineering.

Costs: Costs vary. • Cost for the camp itself is \$300. • Call to ask about specific costs.

Onsite at Schools: No

Languages: English

Direct Services: Offers two weeklong summer day-camp programs for girls where they design and test a robot. • Helps girls to learn what engineering is all about through hands-on experiences and exposure to engineering careers.

University of Houston Downtown – Engineering Camps

Address: 1 Main Street, Suite 716N, Houston, TX 77004

Area Served: Greater Houston

Days/Hours: Half-day Camp: Monday-Friday, 9am-12pm. • Full-day Camp: Monday-Friday, 9am-4pm.

Contact: Not available

Phone: 713-221-8032

Fax: Not available

Email: abtc@uhd.edu

Website: <https://www.uhd.edu/academics/continuing-education/applied-business-technology-center/kids/pages/kids-index.aspx>

Local Bus Routes: 700 (METRO rail), 85, 160

Ages/Grades Served: Ages 6-17 (Grades 1-9)

Eligibility: No area restrictions.

Costs: Costs vary. • Half-day tuition is \$159-\$179 per week. • Full-day tuition is \$249-\$269 per week. • Call to ask about specific costs.

Onsite at Schools: No

Languages: English

Direct Services: Offers weeklong summer camps on themes in engineering. • Explores themes in aerospace, biomedical, chemical, civil, and environmental engineering. • Changes the camp theme weekly. • Also offers weeklong summer camps in computing and in science.

University of Houston Downtown – Houston PREP

Address: 1 Main Street, Houston, TX 77002

Area Served: Greater Houston

Days/Hours: Monday-Friday, 8:30am-2:30pm

Contact: Sangeeta Gad, Program Director

Phone: 713-221-8686

Fax: Not available

Email: General questions: HoustonPREP@uhd.edu. • Program: gads@uhd.edu.

Website: <https://www.uhd.edu/academics/sciences/outreach/houston-prep/Pages/hou-prep-index.aspx>

Local Bus Routes: 700 (METRO rail), 85, 160

Ages/Grades Served: Grades 6-12

Eligibility: No area restrictions. • Requires a personal essay, a semester grade report, two nomination forms, and an application form. • Priority is socially and economically disadvantaged students.

Costs: Free

Onsite at Schools: No

Languages: English

Direct Services: Offers a six-week, four-summer program in fields in Science, Technology, Engineering, and Mathematics (STEM) such as algebra, computer science, engineering, logic, physics, probability and statistics, problem solving, robotics, and technical writing. • Also provides classes to prepare for the SAT.

University of Saint Thomas – Camp Cardiac

Address: 3800 Montrose Boulevard, Houston, TX 77006

Area Served: Greater Houston

Days/Hours: Monday-Friday, 8:30am-4pm

Contact: Not available

Phone: 888-963-9963

Fax: Not available

Email: camp.cardiac@doc-dev.org

Website: <http://www.campcardiac.org/houston.html>

Local Bus Routes: 56

Ages/Grades Served: Ages 15-18

Eligibility: Must be at least 15 years old on the first day of assigned session.

Costs: Costs vary. • Scholarships are available. • Call to ask about specific costs.

Onsite at Schools: No

Languages: English

Direct Services: Provides a one-week summer day-camp for high school students interested in exploring careers in medicine. • Includes certification in cardiopulmonary resuscitation (CPR), hands-on workshops, lectures about anatomy and physiology, heart dissection, medical student forums, and introductions to varied careers in healthcare.

University of Saint Thomas – Camp Neuro

Address: 3800 Montrose Boulevard, Houston, TX 77006

Area Served: Greater Houston

Days/Hours: Monday-Friday, 8:30am-4pm

Contact: Not available

Phone: 888-963-9963

Fax: Not available

Email: camp.neuro@doc-dev.org

Website: <http://www.campneuro.org/houston.html>

Local Bus Routes: 56

Ages/Grades Served: Ages 15-18

Eligibility: Must be at least 15 years old on the first day of assigned session.

Costs: Costs vary. • Scholarships are available. • Call to ask about specific costs.

Onsite at Schools: No

Languages: English

Direct Services: Provides a one-week summer day-camp for high school students interested in exploring careers in medicine. • Includes certification in cardiopulmonary resuscitation (CPR), hands-on workshops, lectures about anatomy and physiology, brain dissection, medical student forums, and introductions to varied careers in healthcare.

University of Texas Girls Collaborative

Address: 2616 Wichita Street, Bridgeway Building 109, Austin, TX 78712

Area Served: Texas

Days/Hours: Monday-Friday, 9am-5pm

Contact: Tricia Berry

Phone: 512-471-5650

Fax: Not available

Email: stem@txgcp.org

Website: <http://www.txgcp.org>

Local Bus Routes: Not available

Ages/Grades Served: Grades K-12

Eligibility: No area restrictions. • Programs focus on increasing the participation of girls in Science, Technology, Engineering, and Mathematics (STEM).

Costs: Costs vary. • Call to ask about specific costs.

Onsite at Schools: No

Languages: English

Direct Services: Operates as part of the Women in Engineering Program at Cockrell School of Engineering. • Provides forums, curriculum, best practices, and resources to foster collaborations, build capacity of participating organizations, and create a state-wide network of informed and connected informal and formal educators in Science, Technology, Engineering, and Mathematics (STEM) and advocates for STEM.