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## 2016 COMMUNITY RESOURCE GUIDE

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SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS  
(STEM) ENRICHMENT

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**Kenneth Huewitt**  
**Interim Superintendent of Schools**

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## **Family and Community Engagement Department**

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[www.HoustonISD.org/face](http://www.HoustonISD.org/face)

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## EXECUTIVE SUMMARY

Welcome to the revised and expanded **Houston Independent School District (HISD) Family and Community Engagement (FACE) 2016 Community Resource Guide**. Its primary intended audiences are administrators and teachers in the HISD and the parents, guardians, families, and communities they serve.

### Structure and Organization

In its third edition, the **2016 Community Resource Guide** now includes 41 topics and 735 profiles. The profiles encompass 350 unique organizations. A profile is the total description of an entry. An entry is an organization and its total profile under a given topic. A topic is the total collection of profiles for a specific area of interest. The **Guide** consistently uses 15 headings as prompts for information. A heading is a specific question of interest and it is repeated across all entries and within all topics.

### Methods Used

In identifying possible topics and profiles for this new, revised edition of the **Guide**, HISD FACE staff members:

1. Used service providers' websites as the primary information resource.
2. Consulted Guidestar and organizations' IRS Form 990s for contact and communication information.
3. Sent emails with questions to selected organizations for which there were gaps in information.
4. Made phone calls to selected organizations for which there were also gaps in information.
5. Reviewed successive drafts to assess quality, completeness, and ease of use.
6. Included a **Product Evaluation Form** for feedback from schools, families, and other users.

### Origins and Attributes

Under the leadership of Assistant Superintendent, Dr. Jorge Arredondo, an eight-person team contributed to developing the **2016 Community Resource Guide**: Dr. Elizabeth Cocina, Carmen Acevedo, Victoria Graham, Gabriella Hernandez, Walter Simpson, Rony Canales, Valeria Schillaci, and Jeffrey Smith. The **Guide** traces its lineage to such trailblazers as Harris County's Community Youth Services Program and the United Way of Greater Houston, but it also differs from them in significant ways: (1) The **Guide's** area of focus is on HISD and Houston, not on a broader geography; (2) information summary tables precede the profiles for each topic; (3) through the headings used in its service provider profiles, the **Guide** presents answers for a consistently defined set of questions; (4) wherever possible, it includes contact names, local bus and METRO rail transit routes, and the languages in which information and/or services are available; (5) the **Guide** identifies four ways to get information about community resources: phone, fax, email, and website; (6) the **Guide** also indicates whether services are available onsite at public schools and it briefly describes available services; and (7) the **Guide** is available in single-topic and comprehensive print versions and as a searchable online database.

### Disclaimer

This revised **Guide** is intended to be a quick reference resource for HISD schools and families. Inclusion in it does not denote endorsement or recommendation. Please send information about new resources, as well as any updates, corrections, and comments to [jsmith55@houstonisd.org](mailto:jsmith55@houstonisd.org).

### Evaluation Form

A two-page Product Evaluation Form appears at the end of this **Guide**. We would welcome your feedback!

## SCIENCE, TECHNOLOGY, ENGINEERING and MATHEMATICS (STEM) ENRICHMENT

### Science, Technology, Engineering, and Mathematics (STEM) Enrichment:

1. Armand Bayou Nature Center – Summer and Winter Eco Camps
2. Children’s Museum of Houston – Adventures After-School Program
3. City of Houston – Water Works Education Center
4. D.R.E.M.E. Foundation Summer STEM Academy
5. East End Chamber of Commerce – STEM Town USA
6. Engineering for Kids
7. Evelyn Rubinstein Jewish Community Center of Houston – STEM Camp
8. ExxonMobil Bernard Harris Summer Science Camp (EMBHSSC)
9. Geo Force Texas
10. Geophysical Society of Houston – Geoscience Center/Museum
11. Girls Incorporated of Greater Houston – Operation SMART
12. Houston Arboretum and Nature Center – Winter Break Camp
13. Houston Community College Southwest – Governor’s Merit Summer Program
14. Houston Museum of Natural Science (HMNS) – Summer Camps
15. Houston Zoo – Students as Field Researchers
16. NASA Johnson Space Center (JSC) – Education Outreach Project
17. Offshore Energy Center
18. Rice University – Office of STEM Management
19. Rice University – School Mathematics Project
20. San Jacinto College – Energy Venture Summer Camps
21. Space Center Houston – Day Camps
22. The Harris Foundation Science Summer Camp
23. The Health Museum – Discovery Camps
24. University of Houston – Cullen College of Engineering – GRADE Camp
25. University of Houston – Cullen College of Engineering – STEP Forward Camp
26. University of Houston – Cougar STEM Camp
27. University of Houston Downtown – Engineering Camps
28. University of Texas Girls Collaborative

	Phone	Ages/Grades Served	Costs	Onsite at Schools	Languages
1	281-474-2551	Ages 4-13	Costs vary	No	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 6-12	Free	No	English
5	713-926-3305	Girls in Grade 3	Free	Yes	English, Spanish
6	281-499-9997	Grades PreK-8	Costs vary	No	English
7	713-729-3200	Grades K-5 and Grades 3-5	Costs vary	No	Chinese, English, Hebrew, Russian, Spanish, Yiddish
8	713-743-2491	Grades 6-8	Free	No	English, Spanish
9	512-471-4360	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	Ages 5-12	Costs vary	No	English
13	713-718-8618	Grades 10-11	Free	No	English
14	713-639-4601 713-639-4629 713-639-4617	Ages 6-12	Costs vary	No	English
15	713-533-6739	Grades K-8 and Grades K-12	Free	No	English

	Phone	Ages/Grades Served	Costs	Onsite at Schools	Languages
16	281-483-8712	Grades K-12	Free	Yes	English, Spanish
17	281-679-8040	Grades K-12	Costs vary	No	English
18	713-348-5648	Grade 7	Free	No	English
19	713-348-6076	Grades K-12	Costs vary	No	English
20	281-478-2772	Grades 7-9	Free	No	English
21	281-283-4755	Ages 4-14	Costs vary	No	English
22	713-743-2491 713-877-1731	Grades 6-8	Free	No	English
23	713-521-1515 713-337-8448	Ages 5-13	Costs vary	No	English, Spanish
24	Not available	Girls in Grades 8-12	\$300	No	English
25	713-743-4226 713-743-4222	Grade 12	\$300	No	English
26	713-743-7661 913-743-8644	Grades 5-8	Costs vary	No	English
27	713-221-8032	Grades 1-9	Costs vary	No	English
28	512-471-5650	Girls in Grades K-12	Costs vary	No	English

### Armand Bayou Nature Center – Eco Camps

**Address:** 8500 Bay Area Boulevard, Pasadena, TX 77507

**Area Served:** Greater Houston

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

**Contact:** Kathy Gardner, Program Coordinator

**Phone:** 281-474-2551

**Fax:** 281-474-2552

**Email:** [abnc@abnc.org](mailto:abnc@abnc.org)

**Website:** <http://www.abnc.org/education.html>

**Local Bus Routes:** Not available

**Ages/Grades Served:** Ages 4-13

**Eligibility:** Requires pre-registration. • Requires pre-payment of fees.

**Costs:** Costs vary. • Camp fees for a half-day summer session: \$130 for members, \$150 for non-members. • Camp fees for a half-day winter session: \$75 for members, \$90 for non-members. • Call to ask about specific costs.

**Onsite at Schools:** No

**Languages:** English

**Direct Services:** Operates week-long summer eco-camps as day-camps. • Also operates a pair of two-day-long winter eco-camps.

### 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:** 713-535-7217 (Mathematics Enrichment) or 713-535-7270 (Adventures After-School)

**Fax:** Not available

**Email:** [fperez@cmhouston.org](mailto:fperez@cmhouston.org) (Mathematics Enrichment) or [msalas@cmhouston.org](mailto:msalas@cmhouston.org) (Adventures After-School)

**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 must attend a pre-selected school to participate in the Adventures After-School Program.

**Costs:** Costs vary. • 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. • After-school program is free.

**Onsite at Schools:** Yes. • Schools can host a Children’s 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 guide books. • Also offers parent workshops based on 15 different themes, which are designed to empower parents as their child’s first teacher.

### City of Houston – Water Works Education Center

**Address:** Northeast Water Purification Plant, 12121 North Sam Houston Parkway East, Humble, TX 77396

**Area Served:** Greater Houston

**Days/Hours:** Office: Monday-Friday, 9am-4pm. • School field trip visits are scheduled to last about two hours.

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

**Phone:** 832-395-3791 (field trips) or 832-395-3790 (guest speakers)

**Fax:** 832-395-3788

**Email:** [waterworks@houstontx.gov](mailto:waterworks@houstontx.gov)

**Website:** <http://www.houstonwaterworks.org>

**Local Bus Routes:** Not available

**Ages/Grades Served:** Grades K-12

**Eligibility:** Requires a completed reservation form. • Requests at least 15 persons per school field trip visit. • Maximum is 35 students at a time. • Requires one adult chaperone for every 10 students. • All chaperones must present photo identification. • Admission is by appointment only. • Reservations are on a first-come, first-served basis.

**Costs:** Costs vary. • School field trips are free. • Project WET (Water Education for Teachers) teacher workshops charge a \$10 fee. • 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. • Water science themes include: water cycle, water conservation, wetlands, water quality and pollution, watersheds, and water treatment/distribution. • All hands-on activities are aligned to the Texas Essential Knowledge and Skills (TEKS) science standards. • Also provides interactive exhibits, demonstrations, tours, and Water Education for Teachers (WET) teacher workshops.

### D.R.E.M.E. Foundation Summer STEM Academy

**Address:** 1623 West Chelsea Place, Seabrook, TX 77586

**Area Served:** Greater Houston

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

**Contact:** Cheryl McNair, Chairman

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

**Fax:** 281-326-4022

**Email:** [info@dremefoundation.org](mailto: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 6-12

**Eligibility:** Must be entering Grades 6-8 or Grades 9-12 in the fall. • Must submit a completed application form specific to the school level and mathematics and science teacher recommendations.

**Costs:** Free

**Onsite at Schools:** No

**Languages:** English

**Direct Services:** Offers seven-day Summer Youth Science Academy Science, Technology, Engineering, and Mathematics (STEM) educational day camps for middle school and for high school. • Camps focus on robotics, space medicine, space transportation, space exploration, career awareness, 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](mailto:samantha@eecoc.org)

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

**Local Bus Routes:** 40, 76

**Ages/Grades Served:** Girls in Grade 3

**Eligibility:** Must be a girl who is enrolled in Grade 3 and who attends a participating elementary school.

**Costs:** Free

**Onsite at Schools:** Yes. • Operates a Science, Technology, Engineering, and Mathematics (STEM) program for girls in Grade 3 at three 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 Houston's East End.

## 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@engineeringfrokids.com](mailto:greaterhouston@engineeringfrokids.com)

**Website:** <https://engineeringforkids.com/location/greaterhouston/camps>

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

**Ages/Grades Served:** Grades PreK-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 PreK-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. • Parenting Center: Monday-Friday, 7am-6pm.

**Contact:** Randy Comensky, Director or Alex Fritsch, Children's Programs

**Phone:** 713-729-3200 (general questions) or 713-729-3200 Ext. 3246 (programs)

**Fax:** 713-551-7223

**Email:** [afritsch@erjchouston.org](mailto:afritsch@erjchouston.org)

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

**Local Bus Routes:** 32, 47, 68

**Ages/Grades Served:** Winter and Spring Break Camps: Grades K-5. • Kid Zone: Grades K-5. • STEM Camp: Grades 3-5.

**Eligibility:** Focus is on the Jewish community, but the Center is open to all persons.

**Costs:** Costs vary. • STEM camps cost \$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 building roller coasters, hovercrafts, rockets, and racecars, exploring chemical reactions, and doing forensic investigations.

### **ExxonMobil Bernard Harris Summer Science Camp (EMBHSSC)**

**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 Sunday, then Monday-Friday, 24 hours/day.

**Contact:** Leah McAlister-Shields

**Phone:** 713-743-2491

**Fax:** 713-877-8669

**Email:** [lmcalister@uh.edu](mailto:lmcalister@uh.edu)

**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 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. • Must submit an application.

**Costs:** Free

**Onsite at Schools:** No

**Languages:** English, Spanish

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

### **Geo Force Texas**

**Address:** Jackson School of Geosciences, The University of Texas at Austin, 10100 Burnet Road, Building 196, Austin, TX 78758

**Area Served:** Texas

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

**Contact:** John Hash

**Phone:** 512-471-4360

**Fax:** Not available

**Email:** [jhash@jsq.utexas.edu](mailto:jhash@jsq.utexas.edu) or [geoforce@jsq.utexas.edu](mailto:geoforce@jsq.utexas.edu)

**Website:** <http://www.jsq.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 where students meet and learn about geoscientists and explore career paths in geosciences.

### 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-12pm. • Accepts appointments for other times.

**Contact:** Bill Gafford or Lisa Buckner

**Phone:** 281-741-1624

**Fax:** 281-741-9364

**Email:** [office@gshtx.org](mailto:office@gshtx.org) or [geogaf@hal-pc.org](mailto:geogaf@hal-pc.org) or [lbuckner@hess.com](mailto:lbuckner@hess.com)

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

**Local Bus Routes:** 46, 58, 70

**Ages/Grades Served:** All ages

**Eligibility:** No area restrictions. • The Museum is open to the public.

**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:** Sarah Essaied, Assistant Program Director

**Phone:** 713-802-2260

**Fax:** 713-802-2907

**Email:** [gi@girlsinc-houston.org](mailto:gi@girlsinc-houston.org) or [sarah@girlsinc-houston.org](mailto:sarah@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/hour plus mileage. • Fee includes programming for groups of 8-15 girls, materials and supplies, and a trained facilitator for the program's duration.

**Onsite at Schools:** Yes. • Girls Inc. 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 – Winter Break Camp

**Address:** 4501 Woodway Drive, Houston, TX 77024

**Area Served:** Greater Houston

**Days/Hours:** Office: Monday-Sunday, 9am-5pm. • Grounds and Trails: Monday-Sunday, 7am to Dusk. • Gates close at 6:30pm. • Winter Break Camp: 9am-12pm (half-day camp) or 9am-3pm (full-day camp).

**Contact:** Debbie Markey, Executive Director

**Phone:** 713-681-8433 (general questions) or 713-366-0426 (programs)

**Fax:** 713-682-2539

**Email:** [arbor@houstonarboretum.org](mailto:arbor@houstonarboretum.org) or [dmarkey@houstonarboretum.org](mailto:dmarkey@houstonarboretum.org)

**Website:** <http://houstonarboretum.org/winter-break-camp>

**Local Bus Routes:** 33

**Ages/Grades Served:** Ages 5-12

**Eligibility:** No area restrictions. • Programs are open to the general public.

**Costs:** Costs vary. • Half-Day Camp: \$90 (members) or \$120 (non-members). • Full-Day Camp: \$165 (members) or \$210 (non-members).

**Onsite at Schools:** No, but the Sanctuary offers docent-led field trips for schools.

**Languages:** English

**Direct Services:** Operates a Winter Break Camp for three days. • Daily themes focus on plants, birds, and mammals. • Also offers spring and summer camps for children.

### Houston Community College Southwest – Governor’s Merit Summer Program

**Address:** Scarcella Building, 10041 Cash Road, Stafford, TX 77477 (Stafford Campus)  
5601 West Loop South, Houston, TX 77081 (West Loop Campus)

**Area Served:** Greater Houston

**Days/Hours:** Monday-Friday, 8am-1pm

**Contact:** Betty Fortune

**Phone:** 713-718-8618

**Fax:** Not available

**Email:** [betty.fortune@hccs.edu](mailto:betty.fortune@hccs.edu)

**Website:** <http://southwest.hccs.edu/top-news/apply-for-free-stem-summer-camp.html>

**Local Bus Routes:** Not available (Stafford); 9, 65 (West Loop)

**Ages/Grades Served:** Grades 10-11

**Eligibility:** Must be enrolled in eligible grade levels. • Requires at least a 2.0 grade point average (GPA) in mathematics and science. • Must submit a personal essay.

**Costs:** Free

**Onsite at Schools:** No

**Languages:** English

**Direct Services:** Offers a four-week summer camp themed around Science, Technology, Engineering, and Mathematics (STEM). • Activities include robotics, field trips to science museums, and learning about STEM career paths.

### Houston Museum of Natural Science (HMNS) – Summer Camps

**Address:** 5555 Hermann Park Drive, Houston, TX 77030

**Area Served:** Greater Houston

**Days/Hours:** Museum: Monday-Sunday, 9am-5pm except 9am-6pm during summers. • Summer Camps: Monday-Friday, 10am-3pm.

**Contact:** Cathy Parsons Walton, Lead Marketing Coordinator

**Phone:** Museum: 713-639-4601 or 713-639-4629. • Summer Camps: 713-639-4617.

**Fax:** 713-639-4681 or 713-639-4775

**Email:** [EducationQuestions@hmns.org](mailto:EducationQuestions@hmns.org) or [cwalton@hmns.org](mailto:cwalton@hmns.org)

**Website:** <http://www.hmns.org/education/summer-camp>

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

**Ages/Grades Served:** Ages 6-12

**Eligibility:** Requires a completed camper health record form. • Requires an application for a scholarship.

**Costs:** Costs vary. • Most camps are \$240-\$275 for members and \$300-\$325 for non-members. • Review online camp catalog for specific costs. • Limited scholarships are available. • Call to ask about specific costs.

**Onsite at Schools:** No

**Languages:** English

**Direct Services:** Offers week-long, hands-on summer camps featuring science activities for children. • Summer camp focus options include chemistry, space, robotics, physics, dinosaurs, and social studies.

## Houston Zoo – Students as Field Researchers

**Address:** 6200 Hermann Park Drive, Houston, TX 77030

**Area Served:** Greater Houston

**Days/Hours:** Monday-Sunday, 9am-6pm

**Contact:** Melissa Wong

**Phone:** 713-533-6739

**Fax:** Not available

**Email:** [mwong@houstonzoo.org](mailto:mwong@houstonzoo.org)

**Website:** <http://www.houstonzoo.org/education/classes-and-programs>

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

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

**Eligibility:** Requires one chaperone for every 20 students. • Maximum is 60 students. • Requires pre-registration. • 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.

## NASA Johnson Space Center (JSC) – 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](mailto:eduoutre@ems.jsc.nasa.gov)

**Website:** [http://www.nasa.gov/offices/education/programs/descriptions/Education\\_Outreach\\_Project.html](http://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 JSC. • Requires 28-42 days of advance notice for requests for services.

**Costs:** Free

**Onsite at Schools:** Yes. • JSC offers presentations at schools within a 50-mile radius of JSC.

**Languages:** English, Spanish

**Direct Services:** Provides volunteers from JSC who may lecture or perform hands-on activities in the classroom or offer career shadowing, tutoring, mentoring, and judging at science fairs.

## 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:** [oec@oceanstaroec.com](mailto:oec@oceanstaroec.com) or [osmuseum@oceanstaroec.com](mailto:osmuseum@oceanstaroec.com)

**Website:** <http://www.oceanstaroec.com/oec.htm#>

**Local Bus Routes:** 153, 162

**Ages/Grades Served:** Grades K-12

**Eligibility:** The 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, but its Expanding Energy Education curriculum is aligned with Texas standards.

**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 of the history and safety of offshore oil drilling technologies. • Organizes field trips, overnights, and summer camps for K-12 schools.

### Rice University – Office of STEM Management

**Address:** 6100 Main Street, Houston, TX 77005

**Area Served:** Greater Houston

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

**Contact:** Carrie Obenland-Owens or Gabriela Galvan

**Phone:** 713-348-5648

**Fax:** Not available

**Email:** [carrieo@rice.edu](mailto:carrieo@rice.edu) or [gg4@rice.edu](mailto:gg4@rice.edu)

**Website:** <http://www.rstem.rice.edu/#!computer-engineering-design-academy/ccvk>

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

**Ages/Grades Served:** Girls in Grade 7

**Eligibility:** Must be a girl in Grade 7.

**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](mailto:apapa@rice.edu)

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

**Local Bus Routes:** 27, 41, 65

**Ages/Grades Served:** Grades K-12

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

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

**Onsite at Schools:** No

**Languages:** English

**Direct Services:** Provides credit-awarding summer professional development in mathematics.

### San Jacinto College – Energy Venture Summer Camps

**Address:** 13735 Beamer Road, Houston, TX 77089 (San Jacinto College South)  
5800 Uvalde Road, Houston, TX 77049 (San Jacinto College North)

**Area Served:** Greater Houston

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

**Contact:** Ashley Williams

**Phone:** 281-478-2772

**Fax:** Not available

**Email:** [Ashley.Williams@sjcd.edu](mailto:Ashley.Williams@sjcd.edu)

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

**Local Bus Routes:** 88 (South); not available (North)

**Ages/Grades Served:** Grades 7-9

**Eligibility:** Must be in eligible grade levels. • 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. • Before Care: Monday-Friday, 7am-8:30am. • After Care: Monday-Friday, 3:15pm-6pm.

**Contact:** Not available

**Phone:** 281-283-4755

**Fax:** 281-281-4766

**Email:** [reservations@spacecenter.org](mailto: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 pre-registration. • Requires payment at the time of registration.

**Costs:** Costs vary. • Individual day camps are \$55 per day. • Weeklong day camps are \$225-\$350 each. • Before care is \$15 per day. • After 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.

### The Harris Foundation Science Summer Camp

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

**Area Served:** Greater Houston

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

**Contact:** Leah McAlister-Shields

**Phone:** 713-743-2491 or 713-877-1731

**Fax:** 713-877-8669

**Email:** Not available

**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 be entering Grades 6-8 and be a member of a historically 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. • Must submit an application.

**Costs:** Free

**Onsite at Schools:** No

**Languages:** English



**Direct Services:** Offers a two-week residential camp, which includes: field trips and other extracurricular activities and academic and career counseling. • Study of an interactive, student-centered, and inquiry-based STEM curriculum encompasses biology, chemistry, physics, environmental sciences, earth sciences, engineering, technology, and design concepts.

### The Health Museum – Discovery Camps

**Address:** 1515 Hermann Drive, Houston, TX 77004

**Area Served:** Greater Houston

**Days/Hours:** Office: Monday-Saturday, 9am-5pm, Sunday, 12pm-5pm. • Camps: Monday-Friday, 9am-3pm. • Before and After Care: Monday-Friday, 7:30am-9am and 3pm-5pm.

**Contact:** Kathy Drago, Program Manager (schools and groups), or Adam Benjamin, Education Director

**Phone:** 713-521-1515 (general questions) or 713-337-8448 (discovery camps)

**Fax:** Not available

**Email:** [camps@thehealthmuseum.org](mailto:camps@thehealthmuseum.org)

**Website:** <http://www.thehealthmuseum.org/index.aspx>

**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 for financial aid. • Must demonstrate need to receive financial aid.

**Costs:** Costs vary. • Camp cost is \$325 for members, \$350 for non-members. • Family workshop cost is \$15 for members, \$20 for non-members. • Offers financial aid for discovery camps on a first-come, first-served basis to families who demonstrate need. • Offers before-camp care at \$50 per child per week and after-camp care at \$75 per child per week.

**Onsite at Schools:** No

**Languages:** English, Spanish

**Direct Services:** Operates week-long 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+.

### 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:** Monday-Thursday, 9am-4:30pm, and Friday, 9am-3pm

**Contact:** GRADE Camp Director

**Phone:** Not available

**Fax:** 713-743-4444

**Email:** [grade@egr.uh.edu](mailto:grade@egr.uh.edu)

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

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

**Ages/Grades Served:** Girls entering 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 student's grade-level. • Must have an interest in or curiosity about engineering.

**Costs:** Cost for the camp is \$300.

**Onsite at Schools:** No

**Languages:** English

**Direct Services:** Offers two week-long 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 – Cullen College of Engineering – STEP Forward Camp

**Address:** E316 Engineering Building 2, University of Houston, Houston, TX 77204

**Area Served:** Greater Houston

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

**Contact:** Kathy Zerda, PROMES Director or John Matthews, Jr., PROMES Program Manager

**Phone:** 713-743-4226 (Program Manager) or 713-743-4222 (Provost's Office)

**Fax:** Not available

**Email:** [promescamp@egr.uh.edu](mailto:promescamp@egr.uh.edu)

**Website:** <http://promes.egr.uh.edu/camps>

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

**Ages/Grades Served:** Grade 12

**Eligibility:** Requires an online application and a high school transcript. • Requires PSAT, ACT and/or SAT scores (if available) and a letter of recommendation. • Also requires an essay about why the student wants to attend the camp and about the student's interest in engineering as a career. • An applicant must be a citizen or permanent resident of the United States of America.

**Costs:** Cost for the camp is \$300.

**Onsite at Schools:** No

**Languages:** English

**Direct Services:** Operates a seven-day residential engineering introduction program for students entering Grade 12. • Curriculum covers the disciplines of engineering and project-based learning (hands-on team engineering design competitions). • Camps offer site visits to Houston-area engineering companies, field trips, panel discussions by working engineers, and use of the campus sports and recreation center.

## 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:** 713-743-7661 (Camp Coordinator) or 913-743-8644 (Project Office)

**Fax:** Not available

**Email:** [stemcamp@central.uh.edu](mailto: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 online pre-registration.

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

**Onsite at Schools:** No

**Languages:** English

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

## 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](mailto: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 camps on themes in engineering. • Camp themes vary each week. • Explores themes in aerospace, biomedical, chemical, civil, and environmental engineering.

### University of Texas Girls Collaborative

**Address:** Cockrell School of Engineering, Women in Engineering Program, 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](mailto:stem@txgcp.org) or [wep@engr.utexas.edu](mailto:wep@engr.utexas.edu)

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

**Local Bus Routes:** Not available

**Ages/Grades Served:** Girls in Grades K-12

**Eligibility:** No area restrictions.

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

**Onsite at Schools:** No

**Languages:** English

**Direct Services:** 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 Science, Technology, Engineering, and Mathematics (STEM) educators and advocates.



## FACE PRODUCT EVALUATION FORM

Product Name: \_\_\_\_\_  
Date: \_\_\_\_\_

User(s): \_\_\_\_\_  
School/Location: \_\_\_\_\_

**Directions:** Please tell us a little about you by checking (✓) the circles that apply best to you.

- |  |   |  |  |
|--|---|--|--|
| <input type="radio"/> Student  | <input type="radio"/> Principal           | <input type="radio"/> Parent Educator                  | <input type="radio"/> Board of Education     |
| <input type="radio"/> Parent or Guardian                                 | <input type="radio"/> Assistant Principal | <input type="radio"/> Parent Liaison                   | <input type="radio"/> District Administrator |
| <input type="radio"/> Family Member                                      | <input type="radio"/> Other Campus Leader | <input type="radio"/> School-Based Specialist          | <input type="radio"/> Central Office Staff   |
| <input type="radio"/> Community Member                                   | <input type="radio"/> Classroom Teacher   | <input type="radio"/> School Bus Driver                | <input type="radio"/> FACE Staff             |
|  | <input type="radio"/> School Librarian    | <input type="radio"/> School Custodian                 |  |
| <input type="radio"/> Black or African American                          |   | <input type="radio"/> Hispanic or Latino               |  |
| <input type="radio"/> American Indian, Alaska Native, or Native Hawaiian |   | <input type="radio"/> White or Caucasian               |  |
| <input type="radio"/> Asian or Pacific Islander                          |   | <input type="radio"/> Two or More Races or Ethnicities |  |

**Directions:** Please tell us how you feel about this product. Your answers will help us to improve it. Thank you.

	Very Unsatisfied ☹	Unsatisfied	Neutral ☺	Satisfied	Very Satisfied ☺	Not Applicable
Overall product quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Process for acquiring it	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Guidance for users	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
First usage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Repeated usage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Post-acquisition service	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

### How long have you used this FACE product?

<input type="radio"/>	Less than 1 month
<input type="radio"/>	1 to 2 months
<input type="radio"/>	2 to 3 months
<input type="radio"/>	3 to 6 months
<input type="radio"/>	6 months to 1 year
<input type="radio"/>	1 year or longer
<input type="radio"/>	Have never used it

### How often do you use this FACE product?

<input type="radio"/>	Daily
<input type="radio"/>	3 to 4 times a week
<input type="radio"/>	Weekly
<input type="radio"/>	3 to 4 times a month
<input type="radio"/>	Monthly
<input type="radio"/>	Every 2 to 3 months
<input type="radio"/>	3 to 4 times a year
<input type="radio"/>	Once a year or less often
<input type="radio"/>	Do not use it

## FACE PRODUCT EVALUATION FORM

### Overall, how satisfied are you with this FACE product?

<input type="radio"/>	Very satisfied 😊
<input type="radio"/>	Somewhat satisfied
<input type="radio"/>	Neutral 😐
<input type="radio"/>	Somewhat unsatisfied
<input type="radio"/>	Very unsatisfied ☹️

### Compared to other products of which you are aware, would you say that this FACE product is:

<input type="radio"/>	So good that it's in a class by itself 😊
<input type="radio"/>	Much better than most others
<input type="radio"/>	About the same as others 😐
<input type="radio"/>	Somewhat worse than others
<input type="radio"/>	Much worse than others ☹️
<input type="radio"/>	Never have used it

### Will you use this FACE product again?

<input type="radio"/>	Definitely yes 😊
<input type="radio"/>	Probably yes
<input type="radio"/>	Maybe or maybe not 😐
<input type="radio"/>	Probably no
<input type="radio"/>	Definitely no ☹️
<input type="radio"/>	Never have used it

### How likely are you to recommend this FACE product to others?

<input type="radio"/>	Definitely will recommend it 😊
<input type="radio"/>	Probably will recommend it
<input type="radio"/>	Maybe or maybe not 😐
<input type="radio"/>	Probably will not recommend it
<input type="radio"/>	Definitely will not recommend it ☹️
<input type="radio"/>	Never have used it

### Based upon your experience with this product, how likely are you to use other FACE products?

<input type="radio"/>	Very likely 😊
<input type="radio"/>	Somewhat likely
<input type="radio"/>	Neutral 😐
<input type="radio"/>	Somewhat unlikely
<input type="radio"/>	Very unlikely ☹️

Other comments about the product: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Please send this completed evaluation form to:

Jeff Smith, Business Operations Team Leader  
 Family and Community Engagement Department (FACE)  
 Houston Independent School District (HISD)  
 4400 West 18<sup>th</sup> Street  
 Houston, TX 77092  
 713-556-7290 (main)  
 713-556-6814 (fax)  
[face@HoustonISD.org](mailto:face@HoustonISD.org)