

The Houston Museum of Natural Science is pleased to announce its badge class schedule for the Fall of 2016 and renew its commitment to the advancement of Boy Scouts and Girl Scouts in the Houston metropolitan area.

Classes will take place on nine Saturdays from September through December. Boy Scout Merit Badge classes will occur from 9:30 a.m. to 1:30 p.m. All other classes, including those for Cub Scouts, Webelos, and all Girl Scouts will last two hours and begin at either 10 a.m. or 1 p.m. [Click on any of the classes below to go to the registration page!](#)

CLASS DESCRIPTIONS & MORE INFORMATION

CUB SCOUTS

Cub Scout classes are designed for Scouts currently in grades 1-3. Class times are 10 a.m.-12 p.m. or 1-3 p.m. Chaperones should stay with the Scouts. *\$15 – Members; \$25 – Non-Members.*

Tiger Cub classes are designed for Scouts currently in the 1st grade.

Curiosity, Intrigue, and Magical Mysteries – Discover some new magic tricks and the awesome science behind them!

Sky is the Limit – Take a tour of the night sky, exploring planets, stars, and constellations.

Stories in Shapes – Explore abstract art and create your own masterpieces.

Team Tiger – Learn how to be a member of a team.

Tiger Tales – Explore tall tales, learn games and songs from the past.

Wolf Cub classes are designed for Scouts currently in the 2nd grade.

Adventures in Coins – Become a junior numismatist as you learn all about coins. (STEM NOVA)

Collections and Hobbies – Learn all about making a collection and explore the museum's gem and mineral collection. (STEM NOVA)

Digging the Past – Take your dinosaur adventure to the next level with the largest paleontology hall in North America! (STEM NOVA)

Germs Alive – Explore the world of germs, mold and snot to keep you healthy. (STEM NOVA)

Motor Away – Learn different ways to make and propel vehicles. (STEM NOVA)

Bear Cub classes are designed for Scouts currently in the 3rd grade.

Forensics – Explore the science used to solve crimes. (STEM)

Make It Move – Learn about simple machines and how to make everyday tasks even easier. (STEM NOVA)

Marble Madness – Play and discover different kinds of marble games. (STEM NOVA)

Robotics – Learn about robots in our world and build your own. (STEM NOVA)

Super Science – Do experiments on density, static electricity and others while exploring the world of science. (STEM NOVA)

WEBELOS

Webelos classes are designed for Scouts currently in grades 4-5. Class times are 10 a.m.-12 p.m. or 1-3 p.m. Chaperones should stay with the Scouts. *\$15 – Members; \$25 – Non-Members. First Responder: \$35 Members; \$45 Non-Members.*

Adventures in Science – Design your own experiment, explore some chemical reactions, and build a rocket to test Newton's Laws of Motion! (STEM NOVA)

Art Explosion – Discover your inner artist with activities in sculpting, photography, and illustration.

Earth Rocks – Explore the fascinating world of geology by examining the world around you. (STEM NOVA)

Engineer – Explore different engineers and create some engineering projects. (STEM NOVA)

Into the Wild – Study a variety of animals and their habitats, and tour the Farish Hall of Texas Wildlife! (STEM NOVA)

Into the Woods – Discuss the importance of plants and trees and examine their impact on your everyday life. (STEM NOVA)

First Responder (Class fulfills the requirements of the badge and provides participants with Red Cross First Aid Certification) – Learn what to do in the case of emergencies of all kinds and how to administer First Aid from American Red Cross certified instructors.

BOY SCOUTS

Boy Scout Merit badge classes are designed for boys who are 11 years old, are at least ten years old and have finished the fifth grade, or are at least ten years old and have earned the Arrow of Light rank as a Webelos. These classes aim to fulfill the requirements of the badge, but outside work may be required in some instances. Classes are from 9:30 a.m.-1:30 p.m. Scouts will need to bring a sack lunch. *Members – \$25; Non-Members – \$35. Eagle Classes: Members – \$50; Non-Members – \$60.*

Archaeology – Learn about human cultures through the clues they left behind, all while examining actual Museum artifacts!

Astronomy – Study how activities in space affect our own planet and bear witness to the wonders of the night sky. (STEM NOVA) (Prerequisite 4c, 5d & 6b)

Chemistry – Explores how substances react with each other and change, how certain forces connect molecules, and how molecules are made.

Citizenship in the Community – Scouts will explore how our local governments work within their community. (Prerequisite 3 & 7)

Citizenship in the Nation – Scouts will learn how to become active citizens and explore *The Bill of Rights: Amending America* limited-engagement exhibit. (Eagle) (Prerequisite 2, 3 & 8)

Citizenship in the World – Discuss international relations and politics around the world. (Eagle)

Coin Collecting – Explore the world of numismatist as you learn all about coins. (Bring coins from Requirements 6, 7, & 9 to class)

Communications – Learn effective communication skills. (Eagle) (Prerequisite 4, 5 & 8)

Electronics – Learn about electrical devices and how they work, exploring circuits, soldering, and Ohm's Law. (STEM NOVA)

Geology – Learn about the Earth, its materials, and the processes that change it over time, and the history of how these things happened.

Indian Lore – Using the John P. McGovern Hall of the Americas as a lens into history, learn all about the groups that called the Americas home.

Reptile and Amphibian Study – Learn about reptiles and amphibians, their similarities and differences, with the Museum's live animal collection! (Prerequisite 8 & 9)

Weather – Study the Earth's atmosphere and learn about the water cycle, predicting the weather, and discuss extreme weather. (STEM NOVA)

GIRL SCOUTS

\$15 – Members; \$25 – Non-Members. Daisies & Brownies classes are designed for Scouts currently in grades K-3. Class times are 10 a.m. to 12 p.m. or 1 to 3 p.m.. A chaperone must stay with the Scouts.

Butterflies – Explore the Cockrell Butterfly Center with real entomologists and learn about rainforest habitats and the animals they support!

Dinos and Gems – Take a trip back in time and explore the depths of the Earth with the Museum's renowned collection of fossils and gems.

Space – Discover important landmarks in the night sky and learn more about outer space with Museum astronomers.

Brownies classes are for Girl Scouts currently in Grades 2-3.

Bugs – Explore the world of bugs.

Inventor – Find creative solutions to problems.

Making Games – Create new games and share them with others

Painting – Discover painting techniques and styles.

Juniors classes are for Girl Scouts currently in Grades 4-5.

Animal Habitats – Explore wild animals and how to protect their habitats.

Detective – Learn the science in detection and forensics.

Flowers – Explore flowers from seed to bloom.

Jeweler – Create different types of jewelry with different mediums.

Product Designer – Explore the world of product design.

Cadettes classes are for Girl Scouts currently in Grades 6-8.

Animal Helpers – Explore how animals help people and improve our emotional health

Netiquette – Discover how to make positive choices in the online world.

Last chance to earn SJGSC Native American Heritage Patch – Explore the culture of Native Americans. Patch is included. *Members – \$20 per Scout; Non-Members – \$30 per Scout*

Careers in Science classes are designed for Scouts currently in grades 4 and up. Class times are 10 a.m. to 12 p.m. or 1 to 3 p.m.. A chaperone must stay with the Scouts.

Archaeology – Learn the ins and outs of a variety of cultures with the Hall of Ancient Egypt and the John P. McGovern Hall of the Americas.

Astronomy – Take a trip to the stars with a Museum astronomer and discover the techniques used to decipher the mysteries of the universe.

Biology – Learn about habitats and ecosystems as you explore the Cockrell Butterfly Center with Museum entomologists.

Chemistry – Try out some chemical reactions and learn about how everyday objects interact with each other using the scientific method.

Geology – Discover the composition and chemistry of the Earth and its history by using evidence from rock layers all over the world.

Paleontology – Explore the world-class Morian Hall of Paleontology to learn about the fossil record with Museum paleontologists.

FALL 2016 SCHEDULE

CLASSES AT HMNS HERMANN PARK

SEPT. 10	Boy Scouts – Wolf Cubs	Digging in the Past	10 a.m.-12 p.m.	
	Boy Scouts – Bear Cubs	Forensics	10 a.m.-12 p.m.	
	Boy Scouts – Bear Cubs	Make it Move	1-3 p.m.	
	Boy Scouts – Webelos	Art Explosion	10 a.m.-12 p.m.	
	Boy Scouts – Webelos	Into the Woods	1-3 p.m.	
	Boy Scouts – Merit Badge	Citizenship in the Nation	9:30 a.m.-1:30 p.m.	
	Boy Scouts – Merit Badge	Reptile & Amphibian Study	9:30 a.m.-1:30 p.m.	
	Girl Scouts – Juniors	Detective	1-3 p.m.	
	Girl Scouts – Juniors & Up	Careers in Science: Biology	10 a.m.-12 p.m.	
	Boy Scouts STEM/Nova Day		9 a.m.-1 p.m.	
SEPT. 24	Boy Scouts – Wolf Cubs	Collections & Hobbies	1-3 p.m.	
	Boy Scouts – Bear Cubs	Super Science	1-3 p.m.	
	Boy Scouts – Webelos	Adventures in Science	1-3 p.m.	
	Boy Scouts – Webelos	Earth Rocks	1-3 p.m.	
	Boy Scouts – Webelos	Into the Wild	1-3 p.m.	
	Boy Scouts – Merit Badge	Chemistry	9:30 a.m.-1:30 p.m.	
	Boy Scouts – Merit Badge	Communications	9:30 a.m.-1:30 p.m.	
	Boy Scouts – Merit Badge	Weather	9:30 a.m.-1:30 p.m.	
	Girl Scouts – Daisies & Brownies	Space Trails	1-3 p.m.	
	Girl Scouts – Juniors	Flowers	1-3 p.m.	
OCT. 8	Girl Scouts – Juniors & Up	Careers in Science: Paleontology	10 a.m.-12 p.m.	
	Boy Scouts – Wolf Cubs	Germes Alive	1-3 p.m.	
	Boy Scouts – Bear Cubs	Robotics	10 a.m.-12 p.m.	
	Boy Scouts – Webelos	Art Explosion	1-3 p.m.	
	Boy Scouts – Webelos	Engineer	10 a.m.-12 p.m.	
	Boy Scouts – Merit Badge	Citizenship in the Community	9:30 a.m.-1:30 p.m.	
	Boy Scouts – Merit Badge	Citizenship in the Nation	9:30 a.m.-1:30 p.m.	
	Girl Scouts – Daisies & Brownies	Native American Heritage Patch	10 a.m.-12 p.m.	
	Girl Scouts – Juniors	Product Designer	1-3 p.m.	
	Girl Scouts – Cadettes	Animal Helpers	1-3 p.m.	
OCT. 22	Girl Scouts – Juniors & Up	Careers in Science: Chemistry	10 a.m.-12 p.m.	
	Boy Scouts – Tiger Cubs	Tiger Tales	10 a.m.-12 p.m.	
	Boy Scouts – Wolf Cubs	Adventures in Coins	10 a.m.-12 p.m.	
	Boy Scouts – Bear Cubs	Marble Madness	1-3 p.m.	
	Boy Scouts – Webelos	Earth Rocks	10 a.m.-12 p.m.	
	Boy Scouts – Webelos	Into the Wild	1-3 p.m.	
	Boy Scouts – Merit Badge	Citizenship in the World	9:30 a.m.-1:30 p.m.	
	Boy Scouts – Merit Badge	Communications	9:30 a.m.-1:30 p.m.	
	Boy Scouts – Merit Badge	Electronics	9:30 a.m.-1:30 p.m.	
	Girl Scouts – Daisies & Brownies	Dinos & Gems Trails	10 a.m.-12 p.m.	
NOV. 5	Girl Scouts – Brownies	Making Games	1-3 p.m.	
	Girl Scouts – Juniors & Up	Careers in Science: Geology	10 a.m.-12 p.m.	
	Girl Scouts – Juniors & Up	Native American Heritage Patch	1-3 p.m.	
	Boy Scouts – 6-12 years old	Boy Scout Overnight	7 p.m.-8 a.m.	
	Boy Scouts – Merit Badge	Astronomy	9:30 a.m.-1:30 p.m.	
	Boy Scouts – Merit Badge	Citizenship in the Nation	9:30 a.m.-1:30 p.m.	
	Boy Scouts – Merit Badge	Geology	9:30 a.m.-1:30 p.m.	
	Girl Scouts – Daisies & Brownies	Butterfly Trails	10 a.m.-12 p.m.	
	Girl Scouts – Juniors	Jeweler	10 a.m.-12 p.m.	
	Boy Scouts – Tiger Cubs	Curiosity, Intrigue, & Magical Mysteries	10 a.m.-12 p.m.	
NOV. 19	Boy Scouts – Wolf Cubs	Motor Away	10 a.m.-12 p.m.	
	Boy Scouts – Bear Cubs	Forensics	1-3 p.m.	
	Boy Scouts – Webelos	Adventures in Science	1-3 p.m.	
	Boy Scouts – Webelos	Into the Wild	10 a.m.-12 p.m.	
	Boy Scouts – Merit Badge	Archaeology	9:30 a.m.-1:30 p.m.	
	Boy Scouts – Merit Badge	Coin Collecting	9:30 a.m.-1:30 p.m.	
	Boy Scouts – Merit Badge	Communications	9:30 a.m.-1:30 p.m.	
	Girl Scouts – Brownies	Inventor	1-3 p.m.	
	Girl Scouts – Cadettes	Netiquette	1-3 p.m.	
	Girl Scouts – Juniors & Up	Careers in Science: Archaeology	10 a.m.-12 p.m.	
DEC. 3	Boy Scouts – Tiger Cubs	Sky is the Limit	10 a.m.-12 p.m.	
	Boy Scouts – Wolf Cubs	Digging in the Past	10 a.m.-12 p.m.	
	Boy Scouts – Bear Cubs	Robotics	1-3 p.m.	
	Boy Scouts – Webelos	Adventures in Science	1-3 p.m.	
	Boy Scouts – Webelos	Art Explosion	10 a.m.-12 p.m.	
	Boy Scouts – Webelos	First Responder	9:30 a.m.-12 p.m.	
	Boy Scouts – Webelos	First Responder	1-3:30 p.m.	
	Boy Scouts – Merit Badge	Chemistry	9:30 a.m.-1:30 p.m.	
	Boy Scouts – Merit Badge	Citizenship in the World	9:30 a.m.-1:30 p.m.	
	Boy Scouts – Merit Badge	Indian Lore	9:30 a.m.-1:30 p.m.	
OCT. 15	Girl Scouts – Brownies	Painting	1-3 p.m.	
	Girl Scouts – Juniors	Animal Habitats	1-3 p.m.	
	Girl Scouts – Juniors & Up	Careers in Science: Astronomy	10 a.m.-12 p.m.	
	CLASSES AT HMNS SUGAR LAND			
	Boy Scouts – Tiger Cubs	Team Tiger	10 a.m.-12 p.m.	
	Boy Scouts – Wolf Cubs	Digging in the Past	10 a.m.-12 p.m.	
	Boy Scouts – Bear Cubs	Forensics	1-3 p.m.	
	Boy Scouts – Webelos	Art Explosion	10 a.m.-12 p.m.	
	Boy Scouts – Webelos	Engineer	1-3 p.m.	
	Boy Scouts – Merit Badge	Archaeology	9:30 a.m.-1:30 p.m.	
Girl Scouts – Brownies	Bugs	10 a.m.-12 p.m.		
Girl Scouts – Juniors	Flowers	1-3 p.m.		
DEC. 10	Girl Scouts – Cadettes	Netiquette	1-3 p.m.	
	Boy Scouts – Tiger Cubs	Stories in Shapes	10 a.m.-12 p.m.	
	Boy Scouts – Wolf Cubs	Adventures in Coins	10 a.m.-12 p.m.	
	Boy Scouts – Bear Cubs	Super Science	1-3 p.m.	
	Boy Scouts – Webelos	Adventures in Science	1-3 p.m.	
	Boy Scouts – Webelos	Into the Woods	10 a.m.-12 p.m.	
	Boy Scouts – Merit Badge	Communications	9:30 a.m.-1:30 p.m.	
	Girl Scouts – Brownies	Inventor	10 a.m.-12 p.m.	
	Girl Scouts – Juniors	Jeweler	1-3 p.m.	
	Girl Scouts – Cadettes	Animal Helpers	1-3 p.m.	
HMNS	EVENTS AT THE GEORGE OBSERVATORY			
	September 23-24	Girl Scouts – Cadettes	Cadette Night Owl Overnight	7:30 p.m.-11:30 a.m. Girls – \$40, Adults – \$15
	October 14-15	Girl Scouts – Juniors	Journey to the Stars Overnight	7:30 p.m.-11:30 a.m. Girls – \$40, Adults – \$15
	October 15	Girl Scouts – Brownies	Passport to the Universe	1-2:30 p.m. Girls – \$15
	October 28-29	Girl Scouts – Juniors	Journey to the Stars Overnight	7:30 p.m.-11:30 a.m. Girls – \$40, Adults – \$15
	November 11-12	Girl Scouts – Cadettes	Cadette Night Owl Overnight	7:30 p.m.-11:30 a.m. Girls – \$40, Adults – \$15
	November 12	Girl Scouts – Brownies	Passport to the Universe	1-2:30 p.m. Girls – \$15
December 2-3	Girl Scouts – Juniors	Journey to the Stars Overnight	7:30 p.m.-11:30 a.m. Girls – \$40, Adults – \$15	
December 3	Girl Scouts – Brownies	Passport to the Universe	1-2:30 p.m. Girls – \$15	