

gadgets

**imagine**

**Science**

wires

tape

batteries

**plan**

gizmos

**Technology**

tools

markers

glue

**create**

**Engineering**

paper

wheels

**test**

pulleys

**Math**

paint

dowels

gears

**improve**

bulbs

**STEM**



# FALL 2018 MUSEUM SCHOOL®

Friday classes for homeschool  
students ages 6-12 (in grades 1-6)



FORT WORTH MUSEUM  
SCIENCE AND HISTORY

# MUSEUM SCHOOL FALL 2018 CLASSES

For over 66 years, Museum School has been a leader in informal science education. Whether the topic is dinosaurs, space, mammals, chemistry or physics, class curriculums are designed so that students can construct their own knowledge of the world through hands-on experiences. The engaging environments are supported by specimens and artifacts from the Museum's teaching collection when possible, creative materials, and enthusiastic educators that support the joy of learning through discovery.

**STEM** (Science, Technology, Engineering, and Math) is all around us! These concepts are the core of Museum School programs. In each class, student teams work through creative engineering challenges using the Engineering Design Process to imagine, plan, create, test, and improve their design solution. This session's classes will highlight the creative side of STEM!

This fall, Museum School classes are offered on Fridays for homeschooled students.\* Class descriptions are listed on this page along with a schedule grid of dates, times, age/grade levels and fees. Class fees include tuition the registration fee and a snack.

Whether your child is a budding engineer, inventor, designer or artist, they are sure to have fun and be challenged in a Museum School STEM class!

*\* Saturday Museum School classes will not be offered this fall or spring but will return fall 2019.*

**Enrollment information is on the next page.  
The registration form is on the last page.**

## PUMPKIN STEM (Ages 6-8)

Pumpkins are not only for eating but make great science subjects! Using this familiar gourd, students will solve fun engineering challenges, discover their many shapes and sizes and work on creative projects using pumpkin parts.

## STEM SCULPTURES (Ages 6-8 and 9-12)

STEM teams will learn about the structural design of many three-dimensional art works. They will collaborate on artistic engineering challenges and learn about lines, textures, balance, designs and patterns. The final project will be a small individual sculpture to take home.

## GINGERBREAD ARCHITECTS (ages 6-8)

This building class features engaging holiday challenges using graham crackers (standing in for gingerbread), colorful candies, icing and additional non-food materials. What better way to learn about the structural elements of buildings and the physical forces that affect them!

## HOLIDAY AUTOMATA (Ages 9-12)

Automata are moving sculptures or toys (like a jack-in a box) that bridge art with engineering. Students will work together on a group challenge that will introduce them to examples of machine elements such as cams and cranks, then create their own mechanical automata to take home.

## FALL 2018 FRIDAY HOMESCHOOL CLASSES

Below are the classes, dates, times and fees for Friday homeschool classes. Age and grade levels must be observed when choosing classes. Fees include tuition, the \$5 non-refundable registration fee, supplies and a snack of fruit and nut-free animal crackers. **Students should bring a non-perishable, nut-free lunch (no peanuts or tree nuts) and drink.** This page will be updated as classes fill.

CLASS DATES ►	Friday October 12	Friday October 26	Friday November 2	Friday December 7	Friday December 14
▼ AGES/GRADES					
Ages 6-8 and currently on a grade 1, 2, or 3 level	<b>Pumpkin STEM</b> 9 am - 2 pm \$75	<b>STEM Sculptures</b> 9 am - 2 pm \$75	■ ■ ■ ■	<b>Gingerbread Architects</b> 9 am - 2 pm \$75	■ ■ ■ ■
Ages 9-12 and currently on a grade 4, 5, or 6 level	■ ■ ■ ■	■ ■ ■ ■	<b>STEM Sculptures</b> 9 am - 2 pm \$75	■ ■ ■ ■	<b>Holiday Automata</b> 9 am - 2 pm \$75

# REGISTRATION INFORMATION

## Age and Grade Levels of Classes

Each class is designed for the skill and social level of a particular age group. Age and grade categories (listed on the class schedule grid on the previous page) must be observed when choosing classes.

## Register Now by Phone, Fax, Email or Mail

Class descriptions and the schedule grid is located on the previous page. To register, print and complete the registration form on the last page. Registrations may be made by phone, fax, email, or mail. (The quickest way to enroll is by phone, email or fax.) **Please use one method of registration. In-person or drop-off registration is not available.**

If your child is registering with a friend/sibling, make that indication on the registration form in order to get them both in the same class. (The friend/sibling must also be the appropriate age/grade for the class.)

- **Phone registrations** require the use of a credit card. Have your information ready and call the Museum School office, Monday-Friday, 9 am-4 pm.  
817-255-9333
- **Fax registrations** require the use of a credit card. Fax the completed registration form to  
Museum School 817-255-9519
- **Email registrations** require the use of a credit card. **Save the completed registration form as an attachment to send in the email (no photos, please.)** Write "Museum School Registration" in the email subject line and send to  
museumschool@fwmsch.org
- **Mailed registrations** require a check or credit card. Completed registration forms should be mailed to  
Museum School  
Fort Worth Museum of Science and History  
1600 Gendy Street  
Fort Worth, Texas 76107

A confirmation, policy information and parking instructions will be emailed soon after the registration is processed. If your child's class is full and he/she is placed on a waiting list, you will not pay for the class unless your child is enrolled.

Available openings for closed classes are filled from the waiting list. A registration may not transfer to another child, nor may a child switch class places with another child.

Class space is limited - list alternate class choices if possible. Registrations will be accepted for a class until it begins, as long as there are openings. It is advisable to register early to insure a spot in class. A class will be canceled if the minimum enrollment is not met five business days before its start date.

## Class Fees

Class fees are listed on the class schedule grid. Fees include tuition, supplies and a \$5 non-refundable registration fee per class. Fees are due in full at the time of registration.

## Refunds

**No refunds, in any amount, will be given if a class is canceled less than ten calendar days before it begins.**

If a class is canceled by a parent outside of the ten-day calendar deadline, the entire tuition - minus the registration fee of \$5 per class - will be refunded in the original form of payment.

Cancellations may be given by phone, however cancellation messages left on the voice-mail system cannot be accepted.

The Museum reserves the right to cancel a class if the minimum enrollment is not met five business days before its start date. If a class is canceled and a suitable alternate class cannot be found, a full refund, including the registration fee, will be issued in the form of the original payment.



Call  
Museum School 817-255-9333

Email  
museumschool@fwmsch.org

**Museum School Office Hours**  
**9 am - 4 pm, Monday - Friday**

**MUSEUM SCHOOL FALL 2018 REGISTRATION FORM** Please complete ALL information. Enter up to 2 children per form.

**CHILD 1**  
 Last Name \_\_\_\_\_ First Name Your Child Goes By \_\_\_\_\_ Gender: Male Female  
 Child's Age \_\_\_\_ Child's birth date \_\_\_\_\_ Current Grade level \_\_\_\_ Special medical needs, conditions, allergies or take any medications?  
 Circle one: No Yes - if yes, please explain \_\_\_\_\_

**CHILD 2**  
 Last Name \_\_\_\_\_ First Name Your Child Goes By \_\_\_\_\_ Gender: Male Female  
 Child's Age \_\_\_\_ Child's birth date \_\_\_\_\_ Current Grade level \_\_\_\_ Special medical needs, conditions, allergies or take any medications?  
 Circle one: No Yes - if yes, please explain \_\_\_\_\_

Home Address \_\_\_\_\_ City \_\_\_\_\_ Zip \_\_\_\_\_  
 Email \_\_\_\_\_ (Required - you will only be contacted about class changes, cancellations or other registration questions.)

Parent/Guardian #1 First Name \_\_\_\_\_ Last Name \_\_\_\_\_ Daytime Number: \_\_\_\_\_ Home or Cell (circle one)  
 Parent/Guardian #2 First Name \_\_\_\_\_ Last Name \_\_\_\_\_ Daytime Number: \_\_\_\_\_ Home or Cell (circle one)  
 Name of a person, other than the parents/guardians listed above, who can be notified in case of an emergency \_\_\_\_\_  
 Relationship of this person to your child \_\_\_\_\_ Daytime Number \_\_\_\_\_ Home or Cell? (circle one)

**Please check all boxes and initial your preferences for the photo release in the second section. I understand:**

that the Fort Worth Museum of Science and History will arrange any necessary emergency treatment in the event the parents or authorized person listed above cannot be reached

that during each session, photographs or film of children in Museum School classes may be taken for archival and promotional purposes (for use in newspapers, television stories, Museum School brochures, Museum School Facebook page, etc.) No identification of students will ever be used. **INITIAL ONE \_\_\_\_ YES, my child's/children's photograph may be used. \_\_\_\_ NO, my child's/children's photograph not be used.**

the Museum School refund policies: If I cancel a class outside of the ten-calendar day deadline, I will receive a full refund (less the \$5 non-refundable registration fee, and that no refunds, in any amount, will be given if I cancel a class less than ten calendar days before it begins.

**PARENT/GUARDIAN SIGNATURE** \_\_\_\_\_ **DATE** \_\_\_\_\_

FRIDAY HOMESCHOOL CLASSES	
Place a <input checked="" type="checkbox"/> beside the class or classes in which you would like to enroll your child/children. Age/Grade levels must be observed when choosing classes.	
Age 6-8 AND Grade 1-3 level	Age 9-12 AND Grade 4-6 level
Child's Name _____	Child's Name _____
<input type="checkbox"/> <b>Pumpkin STEM</b> Friday, October 12 / 9 am - 2 pm \$75	<input type="checkbox"/> <b>STEM Sculptures</b> Friday, November 2 / 9 am - 2 pm \$75
<input type="checkbox"/> <b>STEM Sculptures</b> Friday, October 26 / 9 am - 2 pm \$75	<input type="checkbox"/> <b>Holiday Automata</b> Friday, December 14 / 9 am - 2 pm \$75
<input type="checkbox"/> <b>Gingerbread Architects</b> Friday, December 7 / 9 am - 2 pm \$75	
<b>PLEASE ADD YOUR FEE TOTAL \$</b> _____	<b>PLEASE ADD YOUR FEE TOTAL \$</b> _____

If your first choice is full, you will be enrolled in the second choice if one is listed. If alternate class choices are not listed, your child's name will go on the waiting list and you will be contacted in the event of an opening. **Second class choice?** \_\_\_\_\_  
**Third class choice?** \_\_\_\_\_ If you are registering siblings and one cannot get their class/classes, do you want to ( ) register one without the other OR ( ) put all on the wait list? Are there any other instructions for this registration?  
 \_\_\_\_\_

**PAYMENT METHOD** **PLEASE WRITE IN YOUR FEE TOTAL \$** \_\_\_\_\_  
**Check #** \_\_\_\_\_ **Credit Card** - circle one: AM DC MC VS # \_\_\_\_\_  
 Payable to Fort Worth Museum of Science and History Exp. Date \_\_\_\_\_

**THIS SECTION IS FOR OFFICE USE ONLY - PLEASE DO NOT WRITE IN THIS AREA**  
**Fall 2018 SCHOOL-AGE** Date \_\_\_\_\_ Cash Report # \_\_\_\_\_ # of classes \_\_\_\_\_ Total Payment Amount \$ \_\_\_\_\_