

SCRATCH DAY

December 5, 2015
9:00 AM – 2:00 PM

McGowen Elementary School
6820 Homestead Road
Houston



9:00 AM – 9:30 AM	Registration
9:30 AM – 9:45 AM	Opening Ceremony
9:45 AM – Noon	Workshops
12:15 PM – 1:00 PM	Closing Ceremony: Project Sharing and Raffle
1:00 PM – 2:00 PM	Lunch

Workshop Descriptions

Full Morning Sessions – 9:45 AM – Noon

Creating Video Games in Scratch

Jeannie Langston and Fred Benitez (Fort Bend ISD)

Utilize Scratch programming for a powerful project-based activity in which you create a video game. In this session, we will provide a walk through on creating a basic video game.

Suitable for people of all ages; no prior Scratch experience is needed

Create a One Player Game Using Scratch

LaTanya Brooks (HISD)

We will use Scratch to create a game where the player controls a shopping cart using the arrow keys to catch falling foods. The player must make good food choices. All good choices will earn points. Be careful of unhealthy choices which will cause the player to lose the game.

Suitable for people of all ages; some familiarity with Scratch is needed

One-hour Sessions – 9:45 AM – 10:45 AM and/or 11:00 AM – Noon

Make a Game in Scratch

Afroze Jahan (HISD)

This workshop will demonstrate how to use Scratch to program a game in minutes. You will make your own games and/or remix games made by other Scratchers.

Suitable for people of all ages; no prior Scratch experience is needed

Making Music with Makey Makey and Scratch

Carolyn Finley (Schlumberger)

We will use [Makey Makey](#) with Scratch to make musical instruments and perform in a band. You will learn how to remix pre-existing Scratch projects to customize sprites and sounds.

Suitable for people of all ages; no prior Scratch experience is needed

Scratch Jr 101

Leila Cubriel and Lisa McMillan (Fort Bend ISD)

In this session, you will learn new ways to express your ideas. You may be a young kid but you are an author! Learn how to create stories and games using Scratch Jr. This program allows you to express yourself, solve problems and design projects using coding as a platform.

Best for younger Scratchers ages 5 to 7, their parents, and teachers; no prior experience is needed.

Before Scratch Day please download and install Scratch Jr for iPad from the Apple Store or for an Android tablet from Google Play

Let's Play!

Lindsay and Steven Wait (Schlumberger)

A basic introduction to creating games in Scratch. We'll start by learning how to create characters, backgrounds and movement by making a maze game using only eight blocks. Then you'll have a chance to get creative and make the game your own. So come and play!

Suitable for people of all ages; no prior Scratch experience is needed

Scratch Projects Across the Curriculum

Judy Salmon (HISD)

We will show how you can use Scratch to create projects that include language arts, math, and science. You will have a chance to examine students' Scratch projects and remix them to make them your own.

Suitable for people of all ages; some familiarity with Scratch is needed

Lyons Elementary Students' Projects

Nestor Londono (HISD)

12 students from Lyons Elementary will present projects that they have developed using Scratch. You will see how elementary school students develop their projects using gaming, storytelling, math application, and animation. Then, you will have the opportunity to examine and remix the students' projects.

Suitable for people of all ages; no prior Scratch experience is needed

Scratch Goes to Rio

Tom Lough and Iryna Marchenko, (Schlumberger)

Rio de Janeiro, Brazil, is hosting the Olympic Games in 2016. In this session, you will be challenged to develop Scratch projects that relate to the Olympics. You might draw some of the Olympic symbols, or develop a video game of the torch relay, or create a simulation of one of the sports. Or, you might think of something completely different.

Suitable for people 10 years old and up; some familiarity with Scratch is required