

Science Eye Saturday Safaris

Instilling a passion for science in order to grow

Offering unique science educational programs & resources for teachers, home schoolers, organizations, clubs, birthdays, Scouts, camps & more!

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Science is in the hands of our future!



In partnership with Broward County Parks and Recreation at Everglades Holiday Park



2017 Schedule

Free programs and activities!

9:00am-11:00am ~ at Everglades Holiday Park

Supplies limited to the first 50 participants (Unless otherwise noted)

January 21 – Motion In The Ocean – Ocean waters are always in motion – currents flow, waves crash, tides rise and fall... All of this is driven by the energy of the sun and gravity of the Earth. Come make your own ocean in motion and learn how they move along with layered liquids.

February 18 – Slime Time – Is it hard? Is it soft? Is it a solid? Is it a liquid? Is it slimy? Is it mushy? Is it stretchy? Is it bouncy? Is it breakable? What is this stuff??? Come find out and make your own slime.

March 18 – Take a walk on the Wild Side – (9:00 am – 9:45 am & 10:00 am – 10:45 am) Get a brief background on the Everglades' past, present & future condition. Then take a leisurely walk around the builder's hole using all of your senses to understand the geology and ethnobotany (edible and medicinal plants) of the area as well as identifying local critters. Children have the opportunity be the wildlife biologist and conduct a scientific survey! Each session is limited to 25 participants. Wear comfortable shoes and dress for the weather.

April 15 – Florida Crocodilians – Did you know that ONLY in South Florida is where alligators and crocodiles coexist? Join us to learn more about these incredible crocodilians and make your own gator and croc snouts.

May 20 – Pretty Plants Pressed for Picture Preservation – Phew! Say that five times fast! Learn about some native and non-native plants found in South Florida. We will press some plants to preserve, then you can take it home and turn it into a beautiful piece of art – or keep it for scientific purposes – that's up to you.

June 17 – *Telling Time With A Sundial* – Digital clocks are great... but what if the battery dies, or there's no electricity... The earliest sundial, an obelisk, known from archaeological records was from 3500 BC from ancient Egyptian astronomy. Make a simple sundial and learn to tell time like ancient civilizations.

July 15 – *Florida Skunk Ape* – The Skunk Ape is a large hairy mammal, believed to be related to Big Foot that walks up-right and is only to be found in our Florida Everglades – if you believe the myth... Learn about capillary action while making your own version of the Florida Skunk Ape.

August 19 – *Deep Sea Divers* – Gilgamesh, the ruler of Mesopotamia in 2800 BC was the earliest sea diver on record. The first sports diving helmet was made in 1916 in Miami. Changing our lives forever in 1942, Jacques Cousteau and Emile Gagnan developed the Aqua-Lung, the first open-circuit, self-contained underwater breathing apparatus – known to the rest of us as SCUBA, so that we can all go undersea and explore the magical world of the ocean! Make your own SCUBA diver and learn how he/she works!

September 16 – *Astounding Eclipses and Phases of the Moon* – “Moon” is one of the first words we learn as children... We all look for the “man in the moon”... People have been studying our brightest object in the night sky for centuries. In 2016 on September 1 we are supposed to have an annular solar eclipse and then on September 16 a penumbral lunar eclipse. Come learn about the phases of the moon and what these eclipses are.

October 21 – *Watch the Hand* –Frankenstein's body was made of different body parts... at least that is how the story goes! Come grow a hand that you can use for your own Halloween fun – and learn about chemistry too...

November 18 – *Food for Thought... Thoughtful for Finches!* – (and other backyard birds...) You're hungry – you ask your parents to get you some food. You're out of food at home, you go to the grocery store... These are simple things we take for granted, but what do birds (and other animals) do when their habitat is low on food, or covered with snow? They migrate! They usually migrate to areas that have higher or increasing resources – and then while there, why not nest and provide rich nutrients for their young! With the high and constant population growth in Florida (buildings, roads, etc.) migrating and nesting animals have less and less... Come learn what is safe and not safe to feed birds that visit your home and make your own hanging birdfeeder out of simple and recycled material – small enough it can hang anywhere!

December 16 – *Hand-Held Holiday Lights* – The average American throws away about 4.5 pounds a trash a day! Besides a battery, let us show you how you can brighten our planet's future by reusing “trash” to make your own holiday light.