WELCOME TO THE 2017-2018 PAT PROGRAM YEAR!

We are looking forward to connecting with your family in a few short weeks, whether it is for the first time after you have enrolled or reconnecting after the summer break. Please be watching your mail for a paper newsletter containing information about all of this year's events. It should arrive right around the time school starts on August 17.

If you have a child enrolled in the Title 1 preschool program at the Southwest Early
Childhood Center, please make sure to stop by the gym during the Preschool Open House on Tuesday, August 15 from 4-6 to meet your parent educator, set your first visit together, and receive your newsletter. If you have a child in the Early Child Special Education program, please feel free to stop by the gym to set up a visit with your parent educator that night as well. If you do not have a child in a preschool program at Southwest and you have already been receiving home visits, you will hear from your parent educator beginning the week of August 14. Please let us know if your phone number or address has changed by calling the Southwest Early Childhood Center office at (573)659-3026 so that we can reach you.

See you soon!

ARE YOU READY FOR THE ECLIPSE?

For the first time since 1869, Missourians will experience a total solar eclipse where the sun's brilliant disk is fully covered by the moon. The sky will turn dark and the brightest planets and stars will become visible. Animals become quiet, birds roost, and the temperature drops noticeably. This astronomical event will be celebrated with a host of activities in Jefferson City beginning Saturday, August 19, 2017 and ending with a viewing party on Monday, August 21. Totality will occur near solar noon on Monday at 1:14:19 pm CDT and last approximately two minutes and 29 seconds.

NASA Television will be broadcasting the total solar eclipse live from Jefferson City on Monday, August 21 accompanied by Dr. Janet Kavandi, Director of the NASA Glenn Research Center in Cleveland, OH. Dr. Kavandi has logged more than 33 days in space with 535 earth orbits. NASA will also be bringing with them the Journey to Tomorrow traveling NASA exhibit which will be open to the public that Sunday and Monday.

Jefferson City Capital Eclipse Celebration Schedule of Events:
Events to be held at various locations around Jefferson City. Please visit http://www.capitaleclipse.org/ for details.
Saturday, August 19
Mini Carnival 11am-9pm
Eclipse Crop Circle Corn Maze
Downtown Jefferson City Street Party 6-9 pm

Sunday, August 20
Scholastic Education Series/Journey to Tomorrow Exhibit on the Capitol Lawn 1-5 pm
Missouri River Regional Library Solar Eclipse Activities 1-5 pm
Mini Carnival 11am-9pm
Eclipse Crop Circle Corn Maze
Total Eclipse of the Park Experience at Riverside Park 10 am-8 pm
Dark Side of the Moon Concert on the Capitol Lawn 8-10 pm

Monday, August 21
Total Eclipse of the Katy Bike Ride 9:30 am
Scholastic Education Series/Journey to Tomorrow Exhibit on the Capitol Lawn 10 am-2 pm
Skywatching & Entertainment on the Capitol Lawn 10 am-2 pm
Eclipse Village Festival in North Jefferson City 10 am-2 pm
Eastside Business Association Viewing & BBQ 10 am-2 pm
Mini Carnival 11am-9pm
Eclipse Crop Circle Corn Maze

THE SOLAR ECLIPSE AND YOUNG CHILDREN

The following is from http://www.bigkidscience.com/eclipse/safe-viewing/.

SAFE VIEWING WARNING
Unless you are wearing special eclipse glasses, do not look directly at the Sun during the partial phases of the eclipse. It is still unsafe even when the Sun is more than 99% covered by the Moon. The only time it is safe to look toward the Sun
without eclipse glasses is when it is covered completely during totality for those on the path of totality.

**Basic Eclipse Observing**

Young child warning: Young children ordinarily won’t stare at the Sun because it hurts too much. However, as sunlight dims during a partial eclipse, it will not hurt as much as normal. As a result, you must closely monitor children to make sure they do not risk damaging their eyes by staring at the Sun during the partial phases of the eclipse.

You know it’s not safe to look directly at the Sun on a normal day, and eclipse day is no different. This means you have two basic options for observing a solar eclipse:

Use a projection technique, such as shining sunlight through pinholes in a sheet of paper onto the ground, so that you can watch the progress of the Sun without looking directly at the Sun. Projection techniques are discussed in our video introduction to the 2017 eclipse ([http://www.bigkidscience.com/eclipse/eclipse-2017/](http://www.bigkidscience.com/eclipse/eclipse-2017/)).

Use proper eye protection that is specially designed to allow you to look safely at the Sun. **Do not use ordinary sunglasses or any other type of homemade filter!** You will know your eye protection is safe if it is certified to meet the “ISO 12312-2 international standard” — but even then, it is safe only if it is undamaged and unscratched. Fortunately, this eye protection is inexpensive and readily available, as long as you get it before it all sells out. Note: Young children may do better with hand-held “solar viewers” than with standard eclipse glasses, which may be too large for their heads.

*These glasses will be available for sale for $1-$2/pair at many of the events listed above, as well as in advance at many locations including but not limited to WalMart, Lowes, Carrie's Hallmark, Classroom Connection, Menards, and Holts Summit City Hall.*

For additional information about Safe Viewing, we recommend this page from the American Astronomical Society: [https://eclipse.aas.org/eye-safety/safe-viewing](https://eclipse.aas.org/eye-safety/safe-viewing)

**Eclipse Observing with Binoculars, Telescope, or Camera**

All the same safety warnings apply if you want to view the eclipse with binoculars, a
telescope, or a camera, but in addition, you must protect the optics of your viewing instrument. This means you will need to purchase safe “solar filters” for your instrument. Once the filters are installed, you again have two basic options: Look through the instrument (binoculars, telescope, camera) toward the Sun. Again, be sure the solar filters are properly installed, and that your no other sunlight is coming through anywhere into your eyes. Hook up a camera that will allow you to project the image onto a computer or other screen.

For additional information on solar filters and where to buy them, we recommend this page from the American Astronomical Society: [https://eclipse.aas.org/eye-safety/optics-filters](https://eclipse.aas.org/eye-safety/optics-filters)

Eclipse Photography
First, if you will be on the path of totality and are thinking about trying to photograph the total eclipse, our basic recommendation is to skip it unless you are a professional photographer. Why? Because you will only have a minute or two of totality, and you don’t want to miss out on this awe-inspiring experience because you are fiddling around with a camera.

That said, if you insist on trying to take your own pictures, you should study and prepare beforehand. Try starting with this excellent guide from the American Astronomical Society: [https://eclipse.aas.org/imaging-video/images-videos](https://eclipse.aas.org/imaging-video/images-videos).

**AUGUST PARENTS AS TEACHERS EVENTS:**

**Friday, August 18:** Join us at Riverside Park from 9:30-11 a.m. for a time to meet new friends and play together at the park. Feel free to bring a picnic along to share with your child afterward.

**Monday, August 21:** The Drop in and Play Center opens for the school year (open 9-3 on days that school is in session) and home visits begin.
AUGUST COMMUNITY EVENTS:

ONGOING SUMMER COMMUNITY EVENTS:

Wednesdays: Family Fun at Missouri River Regional Library (art gallery) from 10:30-11:30 a.m. Stories, music, crafts, and activities for children of all ages.
1st and 3rd Fridays: Rhyme Time at Missouri River Regional Library (story hour room). Come from 10-10:30-11 OR 10:45-11:15 a.m. A special time of music, movement, and socialization for babies and their caregivers ages two and under.

Saturdays: What's Going On? Programs and activities for all ages 10 AM–2 PM. The Runge Nature Center offers exploratory tables, activities, and/or crafts every Saturday throughout the year. Stop in to see what adventure awaits you during “What’s Going On?” at the nature center.

Mondays-Fridays: Little Splashers Playtime from 10:30-11:30 a.m. Enjoy the play structure area at Memorial Park Family Aquatic Center or the zero depth area at Ellis-Porter Riverside Pool during a time specifically reserved for little ones. Admission fee of $2.00 is required for all participants. This is geared for youth six years old and under with an adult guardian (15 years or older.)

Ellis Porter Riverside Pool is open through September 4 and Memorial Park Family Aquatic Center is open through August 13. Please remember that toddlers are required to wear swim diapers or plastic pants, which may be purchased at either pool for $1.75 or bring your own. For more on operating schedule and fees, visit [http://www.jeffersoncitymo.gov/parkfull/swimming_pools/pools_operating_schedule_and_fees.php](http://www.jeffersoncitymo.gov/parkfull/swimming_pools/pools_operating_schedule_and_fees.php)

Mondays-Fridays through August 11: Morning Movies at Capital 8 Theater. Family friendly movies at 10 a.m.
7/31-8/4: Trolls
Up to six free admissions for those with a Frequent Moviegoer Rewards card (which is free to join at the theater or online), or $1 per ticket. See https://www.goodrichqualitytheaters.com/morning-movies for details.

Tuesdays through Aug. 15: "Learning@11" at the Missouri State Museum (inside the Capitol) from 11-11:45 a.m. This is a series of interactive programs exploring various aspects of Missouri's cultural and natural history specifically focused on age groups 4 to 7 years using more activity-based programming. For similar-themed programming for older children, please see our regular "Tuesday@2" programs for age groups 8 to 12. FYI: Visitors to the Capitol are now required to enter the Capitol Building through a searched entrance (first floor South Carriage Tunnel and the first floor West entrance). X-ray conveyors and walk-through magnetometers will be operated by law enforcement officers and security personnel to ensure firearms and other dangerous items do not enter the building.
August 1: Famous Missouri Bridges
August 8: Twain, What's in a name?
August 15: Eclipse & More

August Children's Programs at Runge Nature Center: Fish is Fish
"...and fish is fish and that's that!" So writes Leo Lionni in his classic book, Fish is Fish. They are not frogs. They are not birds. Fish is fish and we will explore their watery world this month.
Registration begins Tuesday, August 1st for the AUGUST programs. Call 573-526-5544 to sign up for a program requiring registration. If you are unable to attend a program, please call and cancel as a courtesy to those on the waiting list.
Babes in the Woods Registration required. (ages 0-2 years)
August 11 • Friday • 10-11 AM
August 23 • Wednesday • 10-11 AM
Little Acorns Registration required. (ages 3-6 years)
August 10 • Thursday • 10-11 AM
Little Acorns PLUS Registration required. (For this program, you need one child in the 0-2 age range AND one child in the 3-6 age range.)
August 15 • Tuesday • 10-11 AM
EVENTS:

**Thursday, August 3:** Beat the Heat at the Missouri River Regional Library (outdoors) from 10-11 a.m. Beat the heat with cool games in the library park! Sidewalk chalk, hula hoops, jump ropes, parachute play, bubbles, and more.

**Friday, August 4:** Snake and Aquarium Feeding at Runge Nature Center at 1 p.m. Watch as staff feeds the snakes, aquarium fish, and snapping turtles.

**Friday, August 4:** Stars Under the Stars movie night: **Angels in the Outfield** on the south Capitol lawn. Movies start at dusk; approximately 8:45 p.m. Enjoy your favorite movies on a giant inflatable screen under the stars and in the shadows of the State Capitol. Bring lawn chairs, blankets, and refreshments and be entertained by these FREE family films shown on the South Capitol lawn. Pre-show activities sponsored by Freshwater Church.

**Saturday, August 5:** Itsy Bitsy Traveling Troupe: **Frumped Fairytales** at the Missouri River Regional Library's art gallery from 10:30-11:15 a.m. Enjoy a theatrical performance by children and for children! These fairytales are quirky and fun and just right for your little ones to enjoy! Performed by the Muse Theatre Company and Itsy Bitsy Broadway.

**Thursday, August 10:** Bookmobile Story Time at Capital Mall from 11:30 a.m.-noon. Stories at the bookmobile in the Pizza Hut parking lot at Capital Mall.

**Friday, August 11:** Family Friday: **Moon Madness** at the Missouri River Regional Library's art gallery from 11 a.m.-noon. Get ready for the coming eclipse with Moon-related races, games and activities for the whole family.

**Friday, August 11:** Capital Concerts – **Bag Lunch Blues** on the Capitol lawn, 7:30 pm - 9:30 pm
**Saturday, August 12: Summer Reading Club Carnival** at the Missouri River Regional Library's art gallery from 11:00 am-noon. A carnival of games and activities to celebrate a successful summer reading club! Everyone is welcome, but children that have finished both reading club levels will be able to enter their names into the raffles for items in our parade of prizes display.

**Saturday, August 12: Ironweed** (Jefferson Landing Backyard Concert Series) on the Lohman Building Lawn at 100 Jefferson St., 7-8:15 p.m. This is a "BYOC" (bring your own chair) event. Grab your family, lawn chairs and a picnic supper and join Ironweed as they bring you only the finest in bluegrass, vintage country and good ol’ hillbilly twang. The band features champion, Kelly Jones on fiddle, Joe Wieneman on mandolin, Jane Accurso on guitar and lead vocals, Dierik Leonhard on banjo, and Matthew Bossaller on slap bass.

**Saturday, August 12: Dive In Movie "Finding Dory"** 8-10:30 p.m. Watch a movie in the comfort of Ellis-Porter Pool. Concessions available. Children under 11 years of age must be accompanied by an adult, $5. More information and registration on pool special events at [http://www.jeffersoncitymo.gov/parkfull/swimming_pools/pool_special_events.php](http://www.jeffersoncitymo.gov/parkfull/swimming_pools/pool_special_events.php)

**Monday, August 14: Family Book Bingo** at the Missouri River Regional Library's art gallery from 6:30 pm - 7:30 pm. An hour of bingo fun for the entire family. Winning cards earn prizes for ages 12 and under.

**Thursday, August 17: Bookmobile Story Time at Riverside Park** from 10:30 am - 11:00 am Story time in the great outdoors!

**Friday, August 18: Family Movie Night: The BFG** (PG) at the Missouri River Regional Library's art gallery from 6-8 p.m. Blankets and pillows welcome! Light snacks will be provided. NOTE: This is an after-hours program- the library doors will be closed at 6:15 pm.

**Saturday, August 19: What's Going On? CSI - Critter Scene Investigation** at Runge Nature Center from 10 a.m.-2p.m. Who, what, when, where, and why? These are questions that a naturalist is faced with as they try to solve wildlife mysteries. Learn what it takes to
answer these questions, and test your skills as you solve your own critter mystery.

**Tuesday, August 22: Preschool Story Time** at the Missouri River Regional Library story hour room, from 10:30-11 a.m. Stories and music for preschoolers ages 3-5.

**Friday, August 25: Capital Concerts – The Weeheavies** on the Capitol lawn, 7:30 pm - 9:30 pm.

**Tuesday, August 29: Preschool Story Time** at the Missouri River Regional Library story hour room, from 10:30-11 a.m. Stories and music for preschoolers ages 3-5.