FOURTH GRADE



GSE: S4P3; PE4.1; PE4.2; PE4.5

Fig Newton: the Physical Science of Juggling Ron Anglin

Professional educator and juggler, Ron Anglin's program, F.I.G. (Force,

Inertia, and Get a Reaction) Newton, explores Newton's Three Laws of Motion through juggling. The program also gets students up and moving, tapping into their concentration and balance. Students explore physical science concepts by juggling scarves, spinning and tossing plates, Chinese yo-yos, and playing Kendama. Participating 4th grades will receive a "traveling trunk" of

juggling equipment with the workshop and can keep the trunk for up to 2 weeks to allow students to further explore the physics concepts! Live @ Your School Set Up Needs: Please plan to host the performance in a large, cleared, quiet area with high



ceilings such as your media center. Students can be seated on the floor or in chairs. For the hands-on workshops, please station Mr. Anglin in one location with high ceilings and plenty of room for students to move. Please have

50-min. performance for entire

grade level followed by 30–45

sessions will be booked back-to-

min. hands-on sessions with

individual classes; multiple

back. (*see set up needs)



GSE: SS4H3, SS4G2b, SS4E1a, TA4.RE.1

Cathy Kaemmerlen Follow the story of Grace McCance, who grew up on the Nebraska

center. Performer will need access to laptop, projector and screen. Students can be seated on the floor or in chairs.

Pioneer Girl From Nebraska

Renaissance Genius

classes rotate to him, as his equipment can not be easily moved.

prairies during the late 1800's because her father took advantage of the Homestead Act of 1862 to claim land. Every man over the age of 18 could claim 640 acres and women and children 16 acres each if they worked the land and improved it for 5 years. Learn about soddies, Nebraska weather, hardships on the prairie, and the corn husking and quilting bees! <u>* Live @ Your School Set Up Needs:</u> Please plan to host performance in a large, cleared, quiet area such as your media

Live @ Your School

Assembly-style (*see set up needs), 50 min., Inquire for

available dates and times

Assembly-style, 50 min.,

9:30 & 10:30, Inquire for available dates

Live @ the Museum

Click hene



ELAGSE4SL3

electrical outlets.

Damon Young Discover the Da Vinci in YOU in this innovative puppet show featuring shadow puppet theater and live music. Join Niccolo the knight and Incendio available dates & times

Light of Leonardo: Simple Machines &

and the nature of light. Accompany young Leonardo into the Tuscan countryside, through his apprenticeship in bustling Renaissance Florence and into his fascinating work as a multifaceted genius whose work touched on engineering, architecture, painting, theater, and more. * Live @ Your School Set Up Needs: Please plan to host the program in a large, cleared, quiet area that can be significantly darkened (lights out and blinds drawn) for this performance. Students can be seated on the floor or in chairs. Please plan an entrance for him to unload his equipment near the performance site. He will need access to

Join us for an astronomical discovery trip in our portable planetarium!

the dragon as they investigate the relationship between force and motion

needs), 50 min, 60 students max. per session, inquire about

Assembly-style (*see set up

Live @ the Museum Assembly-style, 50 minutes, 9:30

or 10:30; 60 students max. per session; Inquire for available dates



Students will see the position of the stars in the sky that evening. Students discover the differences between various stars and how stars

teachers should dress comfortably (no high heels or skirts) to enter and exit the Starlab.

Starlab II

and planets differ. A model of our solar system will have students exploring Earth's position in the solar system.

Chattahoochee Nature Center

Lewis and Clark Starlab Chattahoochee Nature Center Students will explore the navigation technology used by Lewis & Clark by measuring distances between the stars. They will determine the latitude and longitude of their current location based on Lewis & Clark's techniques. They will also consider how Lewis & Clark adapted to their

students (*see set up needs), 50 min., inquire about available dates & times

Live @ the Museum

Workshop-Style, maximum 60

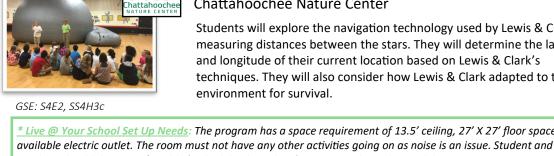
students, 50 min., 9:30 & 10:30

Workshop-style, maximum 60

Live @ Your School

Workshop Style- maximum 60

students, (*see set up needs), 50 min., inquire about available dates



teachers should dress comfortably (no high heels or skirts) to enter and exit the Starlab.

<u>* Live @ Your School Set Up Needs</u>: The program has a space requirement of 13.5' ceiling, 27' X 27' floor space , and

environment for survival.

Paul Revere

Cathy Kaemmerlen with actor Alex Oakley Learn about Paul Revere, known for his midnight ride warning the locals

events he participated in come to life in this production using songs, costumes, props, audience participation, and a Power Point of primary source images as a backdrop. * Live @ Your School Set Up Needs: Please plan to host performance in a large, cleared, quiet area such as your media center. Performer will need access to laptop, projector and screen. Students can be seated on the floor or in chairs.

that the British regulars were coming. Paul Revere made more than one

ride and was not the only rider on the night of April 18, 1775. See all the

Live @ the Museum Workshop style, maximum 60 students, 50 min., 9:30 & 10:30

Live @ Your School

Assembly-style (*see set up

needs), 50 min., Inquire for available dates and times



Cathy Kaemmerlen An intriguing spy story of messages hidden inside covered buttons by a Quaker family, The Darraghs, during the Revolutionary War. Learn about

A Revolutionary Spy for General Washington

spying and about the "times that tried men's souls" as the colonists tried to decide to fight for independence or stay under British rule. Become a "Spy Kid"! With this hands-on code making and breaking activity, students

Assembly-style, 50 min., 9:30 & 10:30, inquire for available dates

Live @ the Museum

Assembly-style (*see set up notes), 50 min. + 50 min pre-

recorded hands-on activity. Supplies will be sent to schools. Live @ the Museum



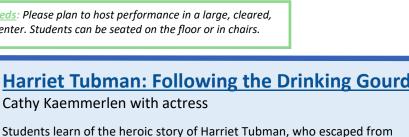
individually and collectively solve various codes and create their own codes based on the

Revolutionary War story told by the performer.

* Live @ Your School Set Up Needs: Please plan to host performance in a large, cleared, quiet area such as your media center. Students can be seated on the floor or in chairs. **Harriet Tubman: Following the Drinking Gourd** Cathy Kaemmerlen with actress

They also create a secret button to take home.

Please request the PeRC when scheduling.



Project Relate & Create

Assembly-style, 50 min. performance with optional 50 min.

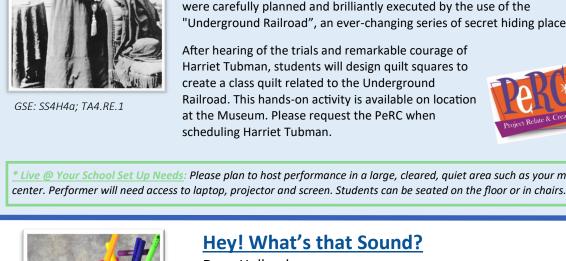
additional dates.

Assembly-style (*see set up notes), 50 min. Inquire for

available dates and times.

hands-on activity,

9:30 & 10:30, inquire for



ESGM4.CN.2c

After hearing of the trials and remarkable courage of Harriet Tubman, students will design quilt squares to create a class quilt related to the Underground

"Underground Railroad", an ever-changing series of secret hiding places.

the bonds of slavery in the summer of 1849. After escaping to freedom,

she made 19 trips back to lead other slaves, including her parents, to freedom. She soon became known as the "Moses" of her people. Her trips

were carefully planned and brilliantly executed by the use of the

Railroad. This hands-on activity is available on location

Hey! What's that Sound?

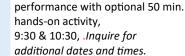
Dave Holland

peaceful solutions.

at the Museum. Please request the PeRC when scheduling Harriet Tubman. * Live @ Your School Set Up Needs: Please plan to host performance in a large, cleared, quiet area such as your media

> performance! Students learn various ways in which sound is produced, the nature of sound waves and how environmental conditions may affect an instrument's original pitch. KEY CONCEPTS: vibration, frequency, amplitude, echo, wavelength, vacuum

Science meets music in this unique, high energy, interactive



Assembly-style, 50 min.

Live @ the Museum

Live @ the Museum Assembly-style. 50 min, 9:30, 10:30, & 11:30;

inquire for additional dates



GSE: S4P2a,b; ESGM4.CN.1

E4SL3; TA4.RE.1

GSE: S4E3

Cathy Kaemmerlen A dramatic presentation of the historical fiction novel by Patricia Beatty, this performance portrays the plight of Georgia mill workers

Turn Homeward Hannalee

1864, charged with treason for making cloth for the CSA, and shipped to Louisville, KY to live as prisoners of war. In times that are "hilly, bumpy, and stumpy," this 50 minute play portrays the good and bad characteristics of both sides who fought in the Civil War, represents

arrested under orders of General William Tecumseh Sherman in July of

how war can affect the total population of a nation, and is a plea for

* Live @ Your School Set Up Needs: Please plan to host performance in a large, cleared, quiet area such as your media center. Students can be seated on the floor or in chairs.

World of Water Fulton County Public Works Water is essential to life, and part of most of our daily activities, yet we often take it for granted. It's important for each of us to understand where our water comes from, how it travels around the Earth, and what we can do to help protect and conserve it. During this program, students will rotate through three different hands-on activities to learn about watersheds, the water cycle, and the infrastructure that provides us with clean drinking water each day. Students will also discuss ideas and

Live @ Your School Assembly-style (*see set up

notes), 50 min. Inquire about

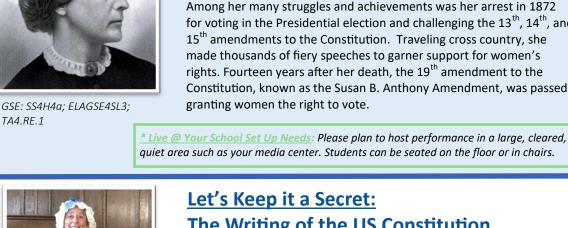
available dates & times Live @ the Museum Assembly-style, 50 min., 9:30 & 10:30

Inquire for available dates

Inquire for additional dates

Students rotate through four activities, 9:30-12:00

Live @ the Museum



15th amendments to the Constitution. Traveling cross country, she made thousands of fiery speeches to garner support for women's

rights. Fourteen years after her death, the 19th amendment to the Constitution, known as the Susan B. Anthony Amendment, was passed, granting women the right to vote.

quiet area such as your media center. Students can be seated on the floor or in chairs. Let's Keep it a Secret: **The Writing of the US Constitution** Cathy Kaemmerlen Through the eyes of Mary House, great niece of the owner of the Indian Queen Tavern, where many of the delegates stayed, young audiences will hear about the intrigue, the political maneuverings, the personalities, the conflicts, and the behind the scenes gossip from May

Live @ Your School Set Up Needs: Please plan to host performance in a large, cleared, quiet area ి

Live @ Your School

Live @ the Museum

Assembly-style (*see set up

available dates & times

notes), 50 min. Inquire about

Assembly-style, 50 min., 9:30 & 10:30 *Inquire for available dates*

Live @ Your School

Assembly-style (*see set up

available dates

notes), 50 min. Inquire about



GSE: SS4H5, TA4.RE.1

Heroes of the Underground Railroad **Bright Star** During one of the darkest periods of American History, thousands of enslaved people undertook a harrowing journey to find freedom. That story comes to life in Heroes of the Underground Railroad. This play

highlights several of the heroic stories of the brave men and women who dared to escape slavery, and the abolitionists who risked everything to

Assembly-style, 50 min., 9:30 & 10:30. Inquire about available dates

Live @ the Museum

Live @ Your School

Workshop-style, 50 min.,

times

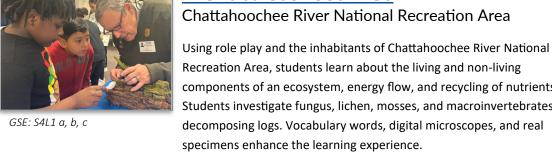
www.youtube.com/c/TeachingMuseum

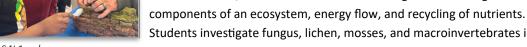
Inquire for available dates and

Live @ the Museum

9:30, 10:30, 11:30, Available

Assembly-style, 50 min.,





Susan B. Anthony Cathy Kaemmerlen Learn about the struggles for American women to gain the right to vote

led by Susan B. Anthony, who spent her life devoted to this cause.

Among her many struggles and achievements was her arrest in 1872 for voting in the Presidential election and challenging the 13th, 14th, and

methods for water conservation and pollution prevention.

Hall. Mary, helping out her great aunt during this busy and important time, cleans James "Jemmy" Madison's room and is privy to his diary and to the "gossip" of the delegates in the parlor and dining rooms of the inn/tavern. Although the Convention was in secret and decisions were made behind closed and sealed doors, audience members will be sworn to secrecy as Mary tells them what she alone knows through her spying and eavesdropping.

to September, 1787 in Philadelphia at the State House/Independence

aid them along the way. The Fabulous Food Web

> Little Videos to Jump-Start earning





CHECK OUT THESE LESSONS FOR YOUR CLASS!

This project is supported in part by the National End

REQUEST A TRAVELING TRUNK



FULTON COUNTY arts & culture