

CLASSROOM IN THE



CLAY
CENTER

AVAMPATO DISCOVERY MUSEUM

SPRING 2012

CELEBRATE THE NATURAL WORLD!

IN THE Mylan

exploreatory



JANUARY 21 – APRIL 29

choose

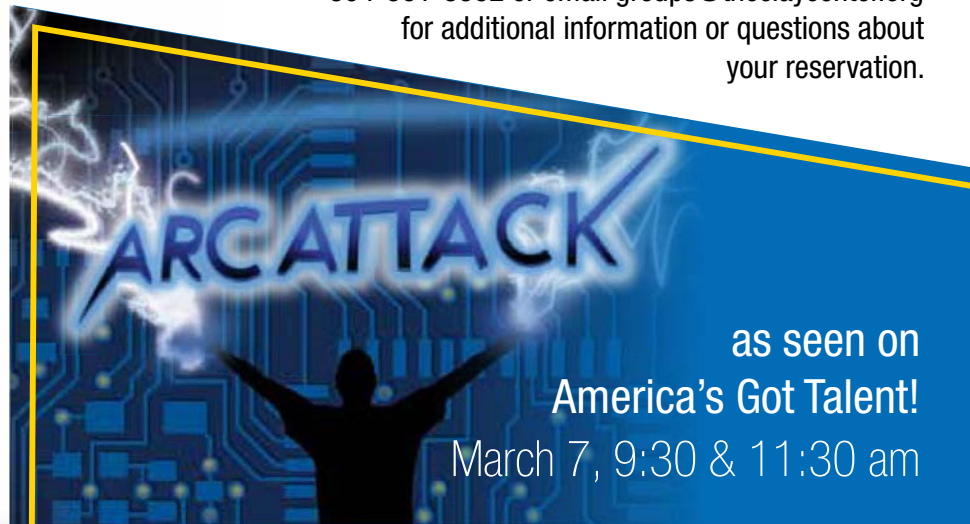
from a variety of specially-selected programs that offer the best in fun and education.

click

on www.theclaycenter.org/education, to use our group pre-registration form and find all-new West Virginia Content Standards, 21st Century Learning Skills and curriculum guides by subject matter and grade level for performances, exhibits and films.

call

304-561-3562 or email groups@theclaycenter.org for additional information or questions about your reservation.



as seen on
America's Got Talent!

March 7, 9:30 & 11:30 am

ALL NEW
FOR 2012!

CELEBRATE THE NATURAL WORLD!

Introduce your students to plants, animals, exotic cultures, breathtaking landscapes and more as you take them on an adventure of discovery! Our spring lineup provides a variety of educational programming and hands-on learning while fulfilling various curriculum and content standards for science, social studies, history, visual art and more.



JANUARY 21
THROUGH
APRIL 29

IN THE Mylan
explore atory

You can make a difference by Reusing, Reducing, Recycling and Re-thinking! Learn how to live today with tomorrow in mind by exploring electricity, the water cycle, recycling and more in this all-new, interactive exhibit that will teach your students the benefits of making simple choices. *Organized by NRG! exhibits.*

COMING SOON...
YOUR SPITTING IMAGE
Opens May 26

in the ELECTRICSKY™ THEATER

ROAR: LIONS OF THE KALAHARI

March 10 – July 7 • 45 min.

Set against the backdrop of the African savanna, this giant screen adventure takes an amazing look at these majestic creatures – from cub to king – with stunning footage of their family life, hunting practices and more.

*Winner, Best Large-Format Film –
International Wildlife Film Festival*



NEW PROGRAM

OUTDOOR GREEN LAB

Wed. – Fri. May 2 – Sept. 28 • 30 min.

\$1/student; Max: 30 students/tour

Students will learn about organic gardening, composting, and the power of pollinators as they tour the Clay Center's vegetable and butterfly gardens. Get hands-on with recycling and at-home growing by making newspaper pots.



in the ART GALLERY

Why **Look** at

ANIMALS?

From George Eastman House

Jan. 14 - April 7

Look through the lens of time and see how photographs of animals have evolved throughout history. Showcasing more than 180 vibrant images from the earliest days of photography to the present, this collection captures the humor, beauty and thought-provoking ways we see and interact with animals.

AND MORE!

Look for this symbol for additional Natural World programming.



Nickolas Muray,
Frida With Pet Fawn, "Granizo," Coyoacan, Mexico
Gelatin silver print, 1939
Courtesy George Eastman House

CLASSROOM IN THE CLAY CENTER performances

Check out our
ONLINE CURRICULUM
for each
performance!



Ragamala Dance Company – SACRED EARTH

Friday, Feb. 17 • 11 am
Grades 4 – 12 • 60 min.

Introduce your students to music, theater, poetry, sculpture, literature and art as they experience the traditional dance of Southern India. Combining innovative movement with classic beauty, these expressive dancers push the boundaries of their craft.

ARCATTACK

Wednesday, March 7 • 9:30 & 11:30 am
Grades 6 – 12 • 60 min.

It's a science show unlike anything your students have ever seen before! They'll learn the excitement behind physics, mathematics, chemistry and engineering in this truly "electrifying" performance.



Montana Repertory Theatre: DOUBT

Friday, Mar. 23 • 11 am
Grades 9 – 12 • 90 min.

Challenge your students intellectually with this classic American play. This live theater performance will leave them with their own doubt, long after the final curtain.

CLIFFORD

Wednesday, Apr. 18 • 9:30 & 11:30 AM
Grades K – 3 • 60 min.

Students will learn the important values of Clifford's BIG ideas such as Share, Play Fair, Have Respect, Work Together, Be Responsible, Be Truthful, Be Kind, Be a Good Friend and Help Others in this fun and education musical performance.

SCIENCE galleries

Providing engaging experiences for students of all ages, our hands-on exhibits can accommodate groups large and small.

GIZMO FACTORY

It's full-on physics learning for your students as they explore magnetism, energy, light, sound and other physics phenomena.

KIDSPACE

Exclusively for ages 5 and under, this whimsical gallery brings the outdoors inside with a tree house, ball pond and additional learning activities for younger students.

HEALTH ROYALE

Test your reaction time, have some fun with body noises and take part in our giant animatronic game show as you explore healthy living.

EARTH CITY

Examine geological forces shaping our world with interactive exhibits about weather, erosion, locks and dams, geysers and more earth science fun!

IN THE  Mylan
explore atory

SUSTAINABLE CHOICES through April 29

See descriptor under nature-themed activities on previous page.

YOUR SPITTING IMAGE Opens May 26

See what's in that remarkable fluid called saliva and find out how scientists are using bioengineering to grow teeth. Younger students can visit our junior dental lab and learn about teeth from other animals.

To enrich your students' Clay Center experience, check out our science exhibit curriculum, now available online at www.theclaycenter.org, for lesson ideas in multiple disciplines for grades K-12, gallery and classroom challenges and a list of the 21st Century Content Standards and Objectives for each exhibit gallery.

ART exhibits

Introduce students to history, storytelling and exploration with a docent-led, age-appropriate tour of the art gallery. Ask for details when scheduling your trip!

JAN. 14 – APRIL 7

WHY LOOK AT ANIMALS

See summary on previous page.

MIGRATIONS: New Directions in Native American Art

View a collection of contemporary fine art prints from six Native American artists whose work, when combined, represents a wide spectrum of Native American cultures and experiences.

IT'S ALL RELATIVE

Using YouTube as the only resource, WV assistant professor of photography Michael Sherwin presents twenty-five different versions of a lunar eclipse compiled together to give you a unique glimpse into this natural phenomenon of our universe.

APRIL 21 – JULY 1

THE CURIOUS WORLD OF PATENT MODELS

America's incredible success is primarily due to the dreams and inventions of its many citizens. Check out this collection of early patent models dating from 1809 to 1902.

DESIRE FOR MAGIC: PATRICK NAGATANI

View staged photographs, collages and multimedia pieces that span the 30 year career of this artist and have a range of themes including politics, the post-nuclear world and our changing environment.

FREE ART & SCIENCE LECTURES in the art gallery

SCIENTIFIC INSPIRATION: A Conversation with Gail Wight • Thursday, Jan. 19 • 6 pm

CREATIVITY & GENIUS with Rex Jung • Friday, Feb. 17 • 6 pm

ART & ECOLOGY: LAND ARTS FROM NEW MEXICO TO WEST VIRGINIA
with Bill Gilbert and Erika Osborne • Thursday, Mar. 8 • 6 pm

visit www.theclaycenter.org for details


Look for our
ONLINE CURRICULUM
activities with each
new science exhibit!

GIANT SCREEN *Films*


presented by  Alpha Natural Resources

See a larger-than-life adventure on the huge 61' dome in the region's only giant screen theater! Educator guides and curricula available for all giant screen films at www.theclaycenter.org/education.

THE ULTIMATE WAVE TAHITI through March 9 • 45 min.

Plunge through the science of waves! Surf the treacherous killer waters at Tahiti's notorious Teahupo'o reef as we examine the physics behind the power and their impact on the ocean's ecosystem. 

HURRICANE ON THE BAYOU Jan. 4 – Mar. 9 • 45 min.


This exciting film takes you on a journey through the Louisiana wetlands and right into the middle, and aftermath, of one of America's most catastrophic natural disasters, Hurricane Katrina. 

ROAR: LIONS OF THE KALAHARI Mar. 10 – July 7 • 45 min.

See summary on previous page. 

MYSTERY OF THE NILE

May 2 – July 7 • 45 min.

This exciting film documents one of the greatest expeditions of our time – a 114-day journey of 3,260 miles down the Blue Nile and Nile River through raging rapids, fierce wildlife and hazardous conditions. 

 Bayer CropScience

PLANETARIUM *shows*

Venture into the universe in the area's only planetarium. Each show is followed by a live, seasonal star talk.

SATURN ringed world

Jan. 12 – May 2

Journey to the ringed planet and explore the mysteries of this gas giant in an all-new Clay Center production.

JUPITER: PLANETARY GIANT

May 3 – Sept. 1

Explore the largest planet in our solar system.

OUTREACH

Let us bring the learning to you! For pricing and availability, call 304- 561-3562 or email: outreach@theclaycenter.org.

AVAILABLE PROGRAMS INCLUDE:

starlab inflatable planetarium

Grades K - 8 • Capacity: 25

Large room with high ceiling and electrical outlet required.

hands-on workshops

BUGS (Grades PreK – 6) 

CHEMICAL REACTIONS
(Grades 1 – 6)

CSI (Grades 1 – 6)

assembly demos

STUFFEE (Grades PreK – 5)

WHIZ BANG BOOM
(Grades PreK – 8)

RULES OF THE GAME
(Grades K – 5)

DISTANCE *learning*

Provided by Verizon Technology

THE GREEN BANK EXPERIENCE at the Clay Center

Available on Wednesdays at 11 am only

Attendance Limit: 175 • Grades 5 – 12

Experience a unique distance learning opportunity as your students talk "face to face" with a scientist at the National Radio Astronomy Observatory (NRAO) at Green Bank. Students will see a video presentation about NRAO and then link up live with a scientist and learn about the latest research. Program is followed by a nighttime star talk.

Bring the Clay Center experience to your classroom! For pricing and dates, call 304-561-3562 or email distancelearning@theclaycenter.org.

Additional Clay Center programs are available through distance learning technology. Visit www.theclaycenter.org/education for exciting presentations on a variety of subjects including physics, chemistry, health science and performing arts.

student *WORKSHOPS*

Cost: \$2 per student • Workshop capacity: 60
Grades PreK – 8 • 45 min.


Wednesdays: KINETIC POTENTIAL

Energy is the topic of the day as young scientists learn through group work and hands-on activities.

Thursdays: SIMPLE INVENTIONS

Students will learn about simple inventions that have changed the world, and use problem-solving skills and imagination to create their own unique gadgets.

Fridays: ANIMAL ENCOUNTERS

Your class will meet some of the fascinating critters who live at the Clay Center, students will learn about animals and what makes each one special. Then we'll get creative with an animal-inspired art activity. 

SCIENCE SHOWCASE DEMO

Cost: \$2 per student
Attendance Limit: 200
30 minutes

Your students will be totally "wowed" with our exciting assembly-style demo "BIG Science!" With exciting chemical reactions and some fun physics, this show is as educational as it is FUN!

HOW MUCH?

TAX-EXEMPT TOUR RATES

ACTIVITY	STUDENT	CHAPERONE**
Museum, Film & Planetarium	\$8.50	\$4.50
Museum & Film	\$7.00	\$3.00
Museum & Planetarium	\$5.50	\$1.50
Museum only	\$4.50	FREE
Performances	\$4.00	\$4.00
Student Workshops	\$2.00	FREE

** One chaperone per every 10 students required.

* ACCESS Funds:

Many West Virginia schools are eligible for admission and transportation assistance from the Clay Center Access Fund on a first-come, first-served basis. Check on availability when you make reservations.

Access Funding provided by:

- Herscher Foundation
- Kanawha County Commission
- Macy's
- Ross Foundation
- The Katharine B. Tierney Charitable Foundation
- WV Department of Education
- United States Department of Education



Ask about
ACCESS FUNDS*
when scheduling
your trip!

ACTIVITY	GRADE LEVEL													
	Pre-K	K	1	2	3	4	5	6	7	8	9	10	11	12
LIMITED ENGAGEMENT														
Ragamala Indian Dance Co.	NA	NA	NA	NA	NA	✓	✓	✓	✓	✓	✓	✓	✓	✓
ARCATTACK	NA	NA	NA	NA	NA	NA	NA	✓	✓	✓	✓	✓	✓	✓
Montana Repertory Theatre: Doubt	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	✓	✓	✓	✓
Clifford the Big Red Dog	NA	✓	✓	✓	✓	✓	✓	✓	NA	NA	NA	NA	NA	NA
YEAR ROUND														
Science Galleries	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Art Gallery	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ElectricSky™ Theater	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Hands-On Workshops	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	NA	NA	NA	NA
Off-Site Programs & Outreach	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	NA	NA	NA	NA

Educator guides and curriculum for all exhibits, films, programs and performances are available at www.theclaycenter.org/education.

A NEW INDEPENDENT American film tour

\$2/person in Walker Theater
Q&A with directors following each film

ON
SCREEN
IN
PERSON

CONCRETE, STEEL AND PAINT

Sat., Feb. 11, 5:30 pm

Cindy Burstein and Tony Herziga, directors
Watch as prisoners and crime victims collaborate on a mural about healing. Their struggle to find creative common ground raises challenging questions about punishment, justice and redemption.

PROCEED AND BE BOLD

Wed., March 28, 5:30 pm

Laura Zinger, director

Follow a controversial printing press and book artist through galleries promoting his work, meet the people who know him best and discover how audiences react to his charged works of art.

MILKING THE RHINO

Sat., April 28, 5:30 pm

David E. Simpson, director

Experience the changing cultures of Africa's Maasai and Himba tribes as their ancient ways are challenged by Western expectations in this intimate, hopeful and heartbreaking story of deep cultural upheaval.



TEACHER training/

Professional Development Opportunities

GEMS (Great Explorations in Math and Science)

The Clay Center is a GEMS Center that can provide exciting professional development opportunities for teaching math and science using a whole language, multi-disciplinary approach. Let us host a training session for you at the Clay Center or schedule one at your school.

For more information or questions about reservations, call 304-561-3562 or email groups@theclaycenter.org.



CLAY CENTER

AVAMPATO DISCOVERY MUSEUM

One Clay Square, Charleston, WV 25301

www.theclaycenter.org

 Special Needs assistance?
Call 304-561-3570

Special thanks to our sponsors:



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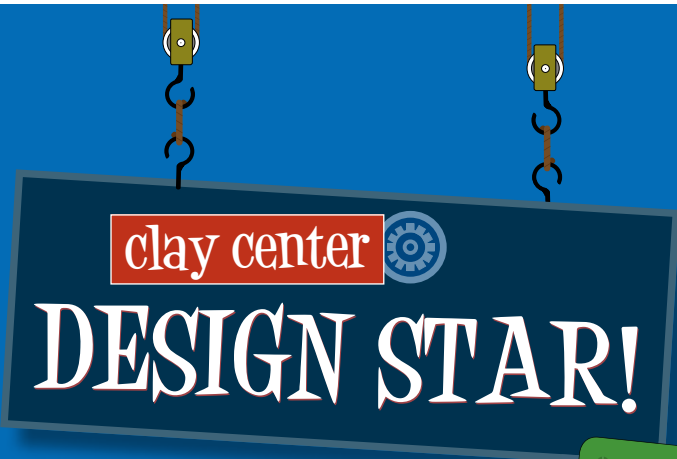
FUND
for the
arts



WEST VIRGINIA
HUMANITIES COUNCIL



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WANTED:

New exhibit for our science gallery!

Put those skills to good use and work together to design a new exhibit for our Gizmo Factory, a hands-on physics gallery. For a complete list of exhibit design regulations, construction tips and more, visit www.theclaycenter.org/education.

Are your students creative?
Do you have any young inventors?

WHAT ABOUT LUNCH?

Groups may schedule a lunch time for their own sack lunches or pre-order lunches available from the Clay Center's Intermezzo Café, prepared by the Embassy Suites Hotel-Charleston. Call 304-561-3580 for details.



to make reservations,
visit www.theclaycenter.org/education