

CURRICULUM CONNECTIONS

Steve Trash Science Live!



Major support for the Student Enrichment Through the Arts program has been provided by



Frederick A. DeLuca
FOUNDATION

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Know Before you Go:

- Arrive at the theater 15 to 20 minutes before show time. Allow extra time for Broward County traffic. We are unable to start a show late.
- Please stay on the bus until greeted by a SEAS usher. At that time, please give the usher your BUS document and the usher will escort you to the theater.
- Remember to watch our Know Before You Go Video:

<https://tinyurl.com/ElementarySeasWelcome>



Dear **TEACHER**,



We are excited to present this Curriculum Connection (Study Guide) as a valuable resource to support your teaching journey. This guide has been carefully designed to offer engaging and meaningful activities for use in your classroom before and after seeing a S.E.A.S. performance at The Broward Center's Amaturo Theater, The Parker, or Miniaci at NSU. Each section is structured to make it easier for you to integrate cross-curricular connections, providing a seamless experience for students to deepen their understanding while exploring the creative process.

The activities and lessons in this guide have been intentionally crafted to complement Florida's B.E.S.T. standards. By utilizing these resources, you will be able to foster a dynamic and creative learning environment while ensuring students meet key academic goals. We encourage you to adapt the materials to best fit your classroom's needs and objectives, empowering students to think critically and creatively across all disciplines.

We want to take a moment to express our sincere appreciation for the passion and dedication you bring to your classrooms every day. Your commitment to infusing art-full moments into education not only enriches your students' learning experiences but also ignites their curiosity and creativity. Thank you for inspiring the next generation of thinkers, creators, and innovators. We are truly grateful for the impact you have on your students' lives. Consider joining the Teacher's Lounge (QR code below) to be notified of special events and discounts just for Teachers.



Don't forget to distribute your S.E.A.S. stickers when you return to school (after the trip) and share the magic that is Student Enrichment Through the Arts!





Theater Etiquette

There is so much that goes into creating a show for the stage. Behind the scenes, there are people who control the lights and the sound, the sets and the props. There are directors, writers, producers, musicians, and choreographers. So many people work together to create the performance you and everyone in the audience watches.

It is helpful to remind students of appropriate audience etiquette by explaining and discussing WHY these rules of behavior are important:

- Restroom visits are best made prior to the performance.
- Listen carefully to the ushers and your teachers. This gets everyone to your seats quickly and ensures a pleasant experience.
- Turn watches and cell phones to silent.
- Walk single file, hold hand rails as you use the steps for your safety.
- Listen carefully to each performer. They are working hard to entertain and inform with lots of clues about the story.
- Refrain from TALKING. This allows everyone to enjoy the show without distraction. Sometimes we think that if we whisper it is okay. But, if everyone in the audience whispers, it becomes disruptive.
- Laugh if something is funny, but not too loudly, you don't want to miss any dialogue.
- Photography and recording are not permitted.
- Pay attention to the lighting, scenery, costumes and music. All of these elements help provide more details to tell the story in an interesting way.
- Applaud (clap) and laugh at the right moments. This shows the performers that you respect and appreciate their work.



My Theater Review

I saw: _____

Reviewed by: _____

This play/musical was about...

Here's a drawing of
my favorite character:

It made me feel:

I learned:

I gave this play/musical stars.



**We'd love to hear from you! If you'd like to submit this review,
please send to jenriquez@browardcenter.org**

Steve Trash Science Live!

Synopsis:

Steve Trash Science Live! blends real science, magic tricks, music, and comedy to help students understand how the natural world works – and how scientists figure things out. Through playful demonstrations (like making water “disappear”), students learn that while magic and science can look similar, they are very different. Magic creates illusions. Science discovers truth. The show makes STEAM (Science, Technology, Engineering, Art, Math) exciting, approachable, and memorable.

After participating in the show, students will be able to:

1. Understand the difference between magic and science and recognize that magic creates illusions, while science explains how the world actually works.
2. Explain what science is and why it matters. Understand science as a tool for discovering, explaining, and improving our world.
3. Describe the scientific method learn how scientists use observation, questions, experiments, and evidence to reach conclusions.
4. Understand what it means to be science-literate. Recognize that curiosity, critical thinking, and evidence-based reasoning are for everyone.

<https://www.stevetrash.com/>



Steve Trash Science Live!

Key Vocabulary:

Magic

Creating the illusion that you can defy the laws of nature.

Science

The study of how the natural world works.

Natural Resource

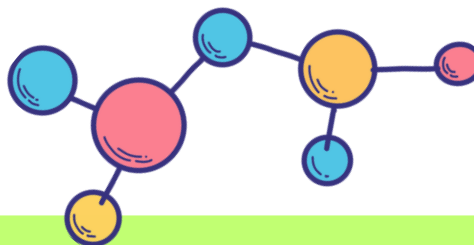
Something found in nature that people use, such as air, water, plants, minerals, and fossil fuels.

Scientific Method

A step-by-step process used to investigate questions using evidence and experimentation.

Scientifically Literate

A person who is curious, asks good questions, finds reliable information, and uses evidence to form conclusions.



TRUE / FALSE – SCIENCE CHECK

1. Science is creating the illusion that you can defy the laws of nature. ❌ False — that's magic.
2. Science is fake. ❌ False — science makes modern life possible.
3. Sodium polyacrylate is used in baby diapers to absorb liquid. ✅ True.
4. Magic is for fun, but science is for real. ✅ True.
5. The scientific method is just making things up. ❌ False.
6. Science is only for really smart people. ❌ False — science is for everyone.
7. Cell phones, YouTube, and Minecraft rely on science. ✅ True.
8. The scientific method includes observing, questioning, testing, and concluding. ✅ True.
9. Magicians entertain; scientists discover how the world works. ✅ True.



**SCIENCE IS THE STUDY OF
HOW NATURAL WORLD WORKS.**



SCIENCE ROCKS!

Steve Trash

Steve Trash Science Live!

STEM CHALLENGE

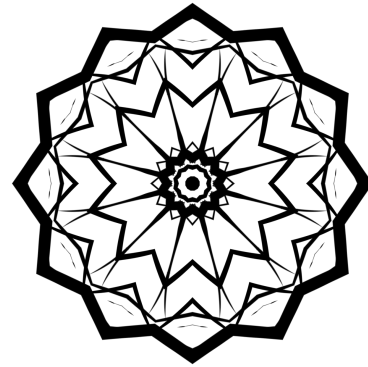
Read the challenge. Follow the steps and answer the questions.

A COLORFUL WORLD

Challenge: Design and construct a functioning kaleidoscope.

Materials:

- Cardboard tube
- Clear plastic
- Reflective paper
- Colored beads
- Scissors
- Adhesive
- Tracing paper
- Rubber bands
- Black paper
- Foam sheet
- Markers
- Ruler



? ASK

What do you know about the topic?

📖 RESEARCH

What other information do you need?



PLAN

Choose an idea. Draw a model.

What are the steps?



CREATE

Follow your plan. What is working?



TEST

Does your model work?



IMPROVE

What changes or adjustments might you need to make?



COMMUNICATE

What were the results?



REFLECT

What would you do differently if you had the chance to do this project again?

Steve Trash Science Live!

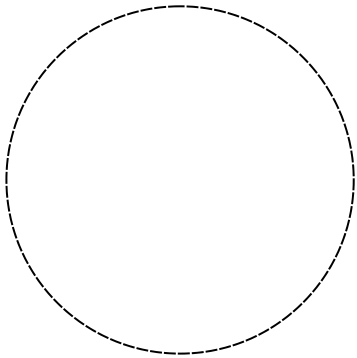
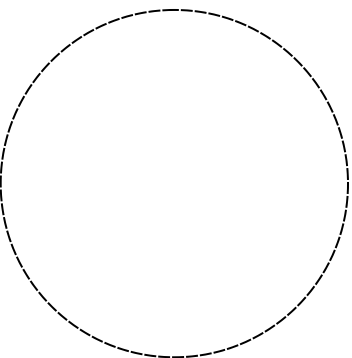
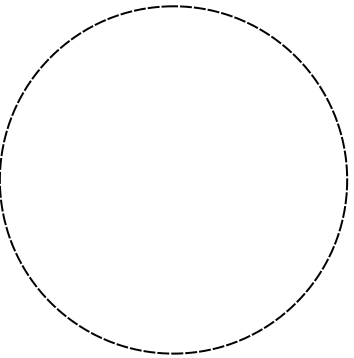
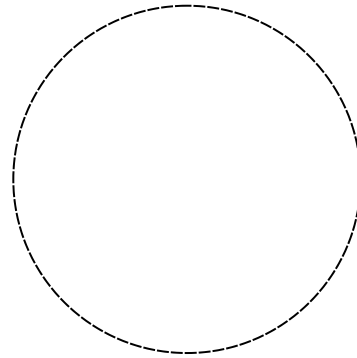
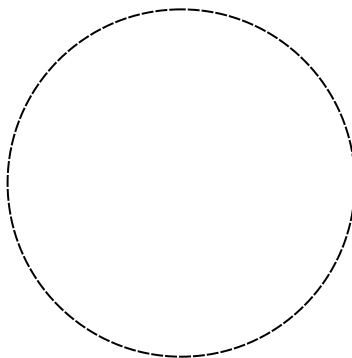
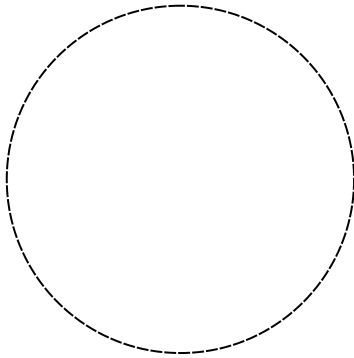
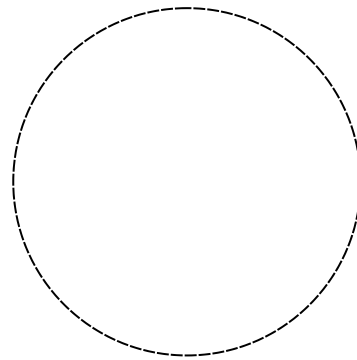
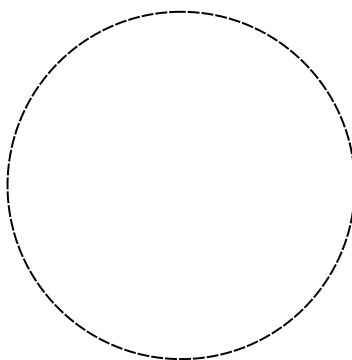
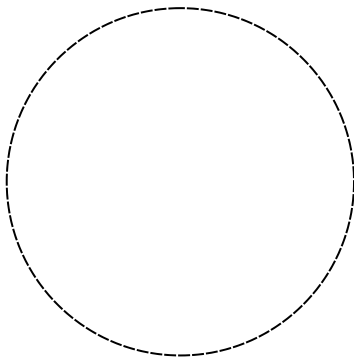
STEAM CHALLENGE

Circle Sensation



Directions:

In 3 minutes, use the provided circles to create as many unique pieces of art as possible. You can arrange the circles in any way you like to form different objects, animals, or abstract designs.
Get creative and let your imagination run wild!



Post Show Cooperative Learning Opportunities

(Group Work Ideas for Teachers)



1. Group Reflection Circle

Sit together and share your favorite moments, characters, or songs from the performance. Encourage everyone to explain why they liked those parts.

This builds listening skills and helps everyone appreciate different perspectives.

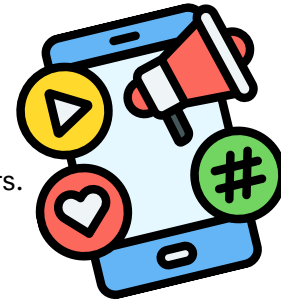


2. Create a Mini Review Together

Work as a team to write a short review of the show.

Assign roles: one person writes, another edits, others brainstorm key points.

You can post it on social media or keep it in a class journal.



3. Reenact a Scene

Pick a favorite scene and act it out as a group.

Add your own twist—maybe change the setting or improvise new dialogue.

This sparks creativity and teamwork.



4. Design a Poster or Program

Collaborate to create a poster or program for the performance you saw.

Include drawings, quotes, and fun facts.

This is great for artistic expression and memory keeping.



5. Plan a "Behind the Scenes" Discussion

Research how the performance was made (costumes, music, choreography).

Assign each group member a topic to present.

This turns curiosity into a cooperative learning activity.



K-5 Student to Family Cooperative Activity Ideas:

- Create a home theater space: Dedicate a specific area in your home as a temporary theater space. It can be anywhere with a little bit of space to "put on a show". Create a cozy ambiance with lighting and comfortable seating.
- Create tickets and programs: Design and print them at home or even hand made. Deliver the tickets to family members, and the programs can include information about the performance, cast, and crew. This adds a touch of authenticity and excitement.
- Snack bar and concessions: Set up a snack bar or concessions stand with a variety of treats and refreshments. You can even create special themed snacks related to the performance you are watching.
- Interactive viewing experience: Encourage audience participation during the performance. For example, during a musical, you can sing along to the songs and clap during applause-worthy moments!
- Post-show discussions: After the performance, have a family discussion about the show. Share your thoughts, favorite moments, and discuss the themes or lessons portrayed. This can foster critical thinking and encourage creativity in your kids.
- **Remember, the goal is to create a memorable and immersive experience. Adapt these ideas based on your family's preferences and the resources available to you. The key is to have fun and enjoy the theater experience in your digs!**

Additional Activity Ideas:



- Memory jars: Create a memory jar with your children. Write down favorite childhood memories on small pieces of paper and put them in a jar. Each week or month, take turns pulling out a memory and sharing it. This can spark conversations and lead to further discussions about your childhood experiences, and theirs too!
- Bedtime stories: Instead of reading traditional bedtime stories, take turns sharing personal stories from your childhood. These could be tales of adventure, funny incidents, or heartwarming experiences. This can create a strong bond between you and your children as you share personal narratives.
- Encourage your kids to create their own journals or scrapbooks to document their childhood memories. Take the opportunity to share your childhood stories as you help them with their own projects. You can even contribute by adding some of your own stories or mementos to their journals.
- What was your favorite song, band or genre growing up? Play a few songs for your child/children and let them play a few of their favorites for you!
- Create traditions with your child/children!: Establish special rituals or traditions that you can share. It could be a weekly movie night, cooking together on weekends, going for a walk after dinner, or singing at the top of your lungs before bedtime.

Standards Alignment: Steve Trash Science Live!

Standards Alignment: The activities in this guide are aligned with the standards listed below. When teachers incorporate the arts, they increase student engagement, offer multiple points for students to access the curriculum, and provide alternate means for students to demonstrate what they know.

Florida's Benchmarks for Excellent Student Thinking (B.E.S.T.)	
Kindergarten through Grade 12/ English Language Arts	
ELA.K.12.EE.1.1	Cite evidence to explain and justify reasoning.
ELA.K.12.EE.2.1	Read and comprehend grade-level complex texts proficiently.
ELA.K.12.EE.3.1	Make inferences to support comprehension.
ELA.K.12.EE.4.1	Use appropriate collaborative techniques and active listening skills when engaging in discussions in a variety of situations.
ELA.K.12.EE.5.1	Use the accepted rules governing a specific format to create quality work.
ELA.K.12.EE.6.1	Use appropriate voice and tone when speaking or writing.
3-5 Grade Science	
SC.3.N.1.1	Raise questions about the natural world and investigate them individually and in teams.
SC.4.N.1.1	Raise questions, investigate, collect data, and draw conclusions.
SC.5.N.1.1	Define a problem, use appropriate reference materials, plan investigations, and report findings.

CURRICULUM CONNECTIONS DONORS

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Florida Panthers Foundation
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Education Endowed Fund

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