



BROWARD
CENTER
— for the —
PERFORMING ARTS



STUDY GUIDE

ELEMENTARY SCHOOL • 5th GRADE



Steve Trash Science - Live!
Harmony Artists



Study Guides are produced in partnership with Broward County Public Schools.

Plot Summary

In his newest show, Steve Trash Science-Live, Steve explains the difference between science and magic. Steve makes the water in a glass magically disappear. Is it MAGIC or is it SCIENCE?

It can be both, and Steve explains how.

Based on his successful PBS Kids TV Science Show, Steve uses real science, kid comedy, music, and amazing magic tricks, to create an amazing field trip for school groups that many teachers and kids have called “The Best Field Trip Ever!”

Theatre Etiquette

(Before the Show)

It is often helpful to remind students of appropriate audience etiquette by explaining and discussing **why** these rules of behavior are important.

Audience members should:

- *listen carefully to the ushers, your teachers – this gets everyone to their seats quickly and ensures a pleasant experience*
- *walk single-file and hold hand-rails as you use steps – this also keeps everyone safe*
- *listen carefully to the performers – they are working hard to entertain and inform you with lots of clues about the story*
- *refrain from talking – this allows everyone to enjoy the performance without being distracted*
- *laugh if something is funny, but not too loudly – you don't want to miss any dialogue*
- *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 at the end – this shows the performers that you respect and appreciate their work*

Teacher Instructions (After the Show) – *Choose from the activities listed on the following pages to extend student learning.*

Name: _____

Create a flyer advertising the Steve Trash Science-Live program. Choose your words and images carefully as you explain how Steve's tone and techniques fascinate the audience.
(LAFS.5.W.4.10)

Name: _____

Summarize two points Steve Trash made and explain how each claim is supported by reasons and evidence. Include information/images connected to basic forms of energy as shown in the performance. (LAFS.5.SL.1.3, SC.5.P.10.1)

Arts Integration

Characterization (TH.5.S.3.1)

Steve Trash has created a character that teaches science in an entertaining way. Ask students to create their own character that could teach a topic they have learned this year. Encourage them to design their costume, select their stage name, and identify the topic they will teach on the Character Profile.

Reflection (TH.5.S.1.3)

Have a class discussion about the performance. Encourage students to address specific elements that worked well and those that could use improvement including characterization, music, movement, and production elements.

Name: _____

Draw yourself as an entertaining character that teaches topics you have learned in school. Design your costume to catch the audience’s eye and support your topic. Fill in the spaces underneath your image. (TH.5.S.3.1)

<i>Stage Name</i>	<i>Teaching Topic</i>

Academic Vocabulary

- **Character** – a person, animal, being, creature, or thing in a story
- **Scientific Method** - a process for experimentation that is used to explore observations and answer questions

Arts Vocabulary

- **Characterization** – use body, voice, and movement to create a representation of a person or animal
- **Production Elements** – costumes, lighting, props, scenery, and sound that contribute to a production
- **Stage Name** – a name used for professional purposes by a performer that may or may not include any portion of the person's real name

Standards Alignment: The activities in this study 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 alternative means for students to demonstrate what they know.

Language Arts Florida Standards	
Grade 5	
Reading Literature	
LAFS.5.RL.3.7	Analyze how visual and multimedia elements contribute to the meaning, tone, or beauty of a text (e.g., graphic novel, multimedia presentation of fiction, folktale, myth, poem).
Speaking and Listening	
LAFS.5.SL.1.3	Summarize the points a speaker makes and explain how each claim is supported by reasons and evidence.
Writing	
LAFS.5.W.4.10	Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.

Florida Science Standards	
Grade 5	
Physical Science	
SC.5.P.10.1	Investigate and describe some basic forms of energy, including light, heat, sound, electrical, chemical, and mechanical.

Florida Theater Standards	
Grade 5	
Skills, Techniques, and Processes	
TH.5.S.1.3	Evaluate a performance, using theatre terminology, and articulate emotional responses to the whole and parts of dramatic performances.
TH.5.S.3.1	Create and sustain imagined characters and relationships, using basic acting skills, to tell an original story based on historical, literary, or everyday situations.

Cover Sheet

Please collect student work samples and attach it to this cover sheet. Pony all work samples to:

KCW – 3rd floor.

Attention: Lauri Foster

School Name: _____

SEAS Show: Steve Trash Science-Live

Grade: _____