



CLASSROOM DISCUSSION: Doktor Kaboom and the Wheel of Science (15 min. total)

Show & Theater Company:

Doktor Kaboom and the Wheel of Science

Art Form

- One-man show using improvisational comedy and interactive performance/demonstrations

Context:

Doktor Kaboom! is the creation of Actor/Comedian David Epley. David has been writing, performing and directing original interactive comedy across the United States and Canada for 25 years.

This show creatively blends theater arts with the wonders of scientific exploration. In this show, Doktor Kaboom is having trouble picking his favorite science demonstrations, so he brings them all. Unfortunately, there are too many to do them all in one show. The solution: The Wheel of Science! Doktor Kaboom has built a great big spinning wheel and labeled it with everything from optical illusions to chemical reactions to a homemade hovercraft. He will use members from the audience to help spread the fun of science and math by spinning the WHEEL OF SCIENCE to discover which physical science demonstration will be conducted on the LBC stage.

Doktor Kaboom MAY demonstrate some of the following experiment demonstrations from the wheel of science. Examples: Turning a water bottle into a rocket, electrocuting a pickle, catapult bananas across the stage, creating artificial gravity and many more experiments.

Main concepts:

Main Character: Doktor Kaboom. When Doktor Kaboom performs, he plays the role of a scientist from Germany.

- ? What does “safe science” mean and why is it important? By modeling safe science practices and instructing students to do the same, they will not only avoid injury now but they will also be better prepared for lab experiences in the future.
- ? What is Science? (The idea of being right.) When we have an idea in science, we call it a theory, and we test that theory with experiments. Does it matter in science whether we are right or wrong?

Doktor Kaboom says “There is no such thing as a scientific fact.” Sometimes what is called a scientific fact will become falsified by newer and better science using gravity as an example. Could there be a possibility in the future that gravity will behave differently? Discuss kinds of scientific experiments have you done and outcomes.

Special things to look for:

- ? How did Doktor Kaboom teach science concepts in a fun way?
- ? What was your favorite part of the show & why?
- ? How does audience participation add to the show?

Theater Etiquette:

- Respect the theater, one person to a seat, limit bathroom breaks, do not kick the seats, no food or drink in the theater (bottled water okay), and turn off cell phones/no texting.
 - ? How is watching live theater different than watching a movie or TV?
 - Can't pause, rewind, or fast forward with live theater
 - Live theater is exciting, because each performance is unique

Show info: *Doktor Kaboom and the Wheel of Science* •
Tuesday, November 13, 2018 • 9:30am • Grades 2-6

DOKTOR
KABOOM!

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