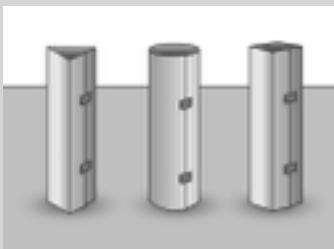


IGOR AND THE MASTERS OF STEM

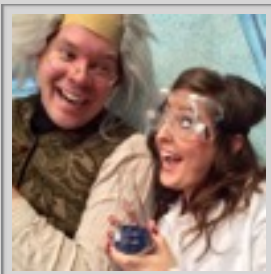
STEM Fun

Let's see which 3D shape is strongest! Break students up into equal-sized groups and assign a shape to each group (more than one of the same shape is fine).

Have students hypothesize which shape is strongest and then put their engineering skills to the test. Groups will use paper and tape to create a columns in a triangle, a circle, or a square shape. They should look something like this:



Now have students place flat objects (books or magazines work well) to see which column can withstand the most weight.



If you've seen our **FrankenSTEM** show you'll be familiar with two of the characters in this play! Igor, once the assistant to Dr. Stein, is back with his brand-new invention. With the help of his creation, and his old friend Dr. Stein, we meet numerous "Masters of STEM". During the show viewers will meet Euclid, Sir Isaac Newton, Ada Lovelace, Nikola Tesla, Albert Einstein, Marie Curie and Hedy Lamarr.

This production is a real professional theatrical show. Our actors are professionals (meaning they get paid to do what they love). They come from across the US and travel the country in a mini-van with three different 45-minute shows. They'll average around 16-20 shows a week bringing professional theatre to young audiences--just like yours! Last year our actors drove nearly 300,000 miles!

For Discussion

Bring up these discussion topics to the whole class. Allow some time for the students to bounce ideas off of one another.

How are the Sciences and the Arts similar?

What are some ways that the Sciences and the Arts differ?

How can Art and Science complement one another (work together)?

Can you think of any examples of any real-world problems that have been solved using concepts from both the arts and the sciences?



Who is YOUR inspiration?

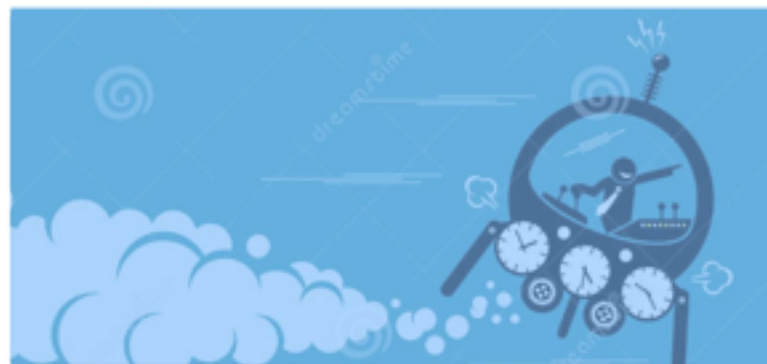
In the play Igor tells Dr. Stein that he is his inspiration? What does this mean? Think about someone who has been inspirational in your life and write them a thank you note to show your gratitude. Be sure to let them know how they have inspired you and why you appreciate them!

Who was your favorite “Master of STEM”

Who was your favorite person we met in this play? Was there another influential person you wanted to learn about that we didn’t get to meet? Let your classmates and teacher know in the form of a report or a poem.

Use your imagination, art and science skills:

In the play we never got to see the time machine. On a separate sheet of paper use your imagination to draw what you think a time machine would actually look like. Better yet, create a 3D model of your idea!





YOU CAN DO THIS TOO!

Where to start: All of our actors started out playing and telling stories when they were young -then they decided to study acting in school. Now they are pros! Here are some ways you can start doing theatre right away!

In School! Does your school have plays or musical performances? This is a great place to start.

In Your Community! Many towns have community theaters or local acting groups. See if you can try out!

Start Something! If your school doesn't have a drama club or a theatre club, talk to your favorite teacher about how you might be able to start one.

At Home! Get together with friends, cousins, brothers and sisters and make your own play. You can make up plays based on your favorite books and stories. Invite family and friends to see your performance.

Try new things and do your best at them! There are lots of jobs in the theatre besides acting. There are people who paint the sets, make costumes, write plays and more. Get the most out of your art, music and English classes. You can use all of these things to be a live



BEFORE YOU SEE THE PLAY...

Attending the theatre is very different from watching TV or going to the movies. For one thing, the actors are real people who are performing right then and there. They can see and hear everything that happens in the audience. Because of this, YOU are an important part of the play and it's important to do your job as an audience member well. Here are some tips before you see the play.

1. Please be quiet and respectful so everyone else around you can hear what's happening and so the actors can do their job.
2. If something is funny, it is okay to laugh!
3. The actors may ask you to participate. Don't be afraid to respond, ask a question or volunteer!
4. Keep your hands to yourself and your eyes up front.
5. If you like the play, be sure to clap at the end.
6. Have fun! Enjoy yourself!

After seeing the Play...

Write your own review of the play! A review is a way of telling your thoughts about a play, movie or book. Consider the following when you are writing your review.

What was your favorite part? Who was your favorite character? Can you summarize the play in your own words? If you had written this play, would you have done anything different? Would you recommend this play to a friend? Name one new thing you learned from watching this play!

FUN FACTS ABOUT THEATRE!

After a play is over and everyone goes home, there is always a light left on backstage. It's called a ghost light!

The oldest play that is still around was written by an Ancient Greek named Aeschylus. It's almost 2500 years old!

The longest performance on stage ever was over 23 hours long! It happened in New Jersey in 2010.

William Shakespeare is a famous play writer. He wrote 37 plays and is still quoted by many people.

There are 157 million google pages that mention him--the most of any famous person ever!

In theatre, it's considered bad luck to tell an actor, "Good luck" before a performance. Instead, you're supposed to say, "Break a leg!"

Everything about the Theatre!



A mini-van is our hip and favored mode of transportation for touring the country!

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THEATRE VOCABULARY!

Backdrop: The background for the play.

Props: Anything that an actor holds while on-stage--a cane, book or rubber chicken.

Downstage: the area closest to the audience a long time ago stage were built at angles.



Upstage: The area away from the audience, like the back wall of the stage.

Costumes: The wigs, clothing and glasses that the actors wore to help flush out their characters.

Facts about us!

1. Did you know we're owned by an Emmy winning actor?
2. Our actors average 1,000 miles a week traveling the country to entertain young audiences.
3. Our programs have been seen in almost every corner of the country and even around the world.
4. We watch over 1200 actors audition before we cast our season.
5. We offer dozens of different shows a season from **Black History** to anti-bullying and literary classics.
6. We toured Moscow with performances of our **Aesop's Fables**.
7. We're based in Asheville, NC.

ABOUT US!

Founded in 2003, Bright Star Theatre tours the nation offering high quality, affordable programs to every imaginable venue. We've had countless engagements at the National Theatre, toured to Moscow and are so grateful to be with you today!

Auditions: How an actor gets a role is by auditioning. They may have to interview, pretend to be a character from the play or read something from it.

Set Designer: The person who decided what should be on the background and who painted or created it.

The Process of a Play:

1. Actors audition
2. Directors cast the show (that means they choose actors)
3. The directors and actors rehearse the play (that means they practice it).
4. A team of people works on building the set, costumes and props.
5. The play opens (that means it is performed for the first time)!

Are there other terms that came from the experience of seeing the live play that you'd like to learn more about?



BRIGHT STAR THEATRE

Bright Star Touring Theatre performs across the country from Seattle, Washington to Moscow, Russia and many schools, museums, theaters and community events in between. Each season our shows run the gamut from Black History to anti-bullying, from literary classics to biographical shows. Our shows are available throughout the year for any event in any part of the world.

IGOR & THE MASTERS OF STEM

Created by Bright Star Touring Theatre-Lead Authorship carried out by Joshua Batenhorst, COO, All Rights Reserved.

Learn more about this show, this company & our whole Season:

www.brightstartheatre.com

IGOR

DEBUTS IN FALL OF 2019 (THAT MEANS IT'S THE FIRST TIME THIS PLAY HAS BEEN SEEN.)

We want every show to be special and remarkable for our audience. Please feel free to connect with us at anytime to tell us about your experience: