

Muse machine



Now You See It Performance Guide

From the creator of *The Magic of Movies* comes an all-new eye-popping experience you have to see to believe! Performer and filmmaker David Sherman is back in his most dazzling production that explores how we think, live and communicate in a visual world. From Snapchat filters to special effects, color theory to color blindness, how we see influences our interests and imaginations beyond what is visible to the human eye. Funny, fast-paced and full of student interaction, this multimedia event will give you a fresh look on the way we see the world.

This guide is divided into three parts:

- **Before the Show:** Learn more about the artist and get ready for the show
- **After the Show:** Answer the student survey
- **Dive Deeper:** Explore more about the science of perception on Flipgrid

BEFORE THE SHOW:

Meet the Artist



David Sherman began making movies as a kid growing up in Dayton, while at the same time he began performing and writing for the theatre. At 16, he co-founded the Northridge Playwriting Project, which published its first play, *Stains, Junk and Other Necessities of Life*, with The Santa Monica Playhouse in California.

David was introduced to the Muse Machine through the winter musical where he went on to play leading roles such as Hines in *The Pajama Game* and Nathan Detroit in *Guys and Dolls*. In 2003, he was awarded the Albert Reyes Muse Machine Scholarship to study acting at the renowned Neighborhood Playhouse in New York City.

As a graduate of Wright State University's Motion Picture department, David has worked extensively in commercial filmmaking, editing and documentary. In 2011-2012, he performed his first Muse Machine in-school multimedia production, *The Magic of Movies*, to thousands of students. The show's success prompted several spin-offs, including *The Magic of Movies: Science!*, *Time Signature: The History of the 1960's through Music*, *OZMOSIS*, *Now Hear This: The Story of Sound* and *ON THE AIR*.

David is the creator and producer of *The Big Adventures of Little Ioda*, a six-part children's series developed for PBS. The series won five Emmy Awards in 2016, two of which were awarded to David for Best Writer and Best Editor of a Children's Program.

David currently resides in Denver, CO. See more of his work at <http://davidshermancreative.com>.

Get Ready for the Show

Seeing is believing... or is it? What's the weirdest trick your eyes have ever played on you, and why do you think it happened?

AFTER THE SHOW:

Student Survey

We want to hear from you! Answer the survey below and turn it in to your Muse advisor or follow the link:



<https://www.surveymonkey.com/r/DM3D9Z3>

Your school:

Your grade:

What are three things you learned from this performance?

1.

2.

3.

How can you apply what you learned to your life?

What did you like best about this performance?

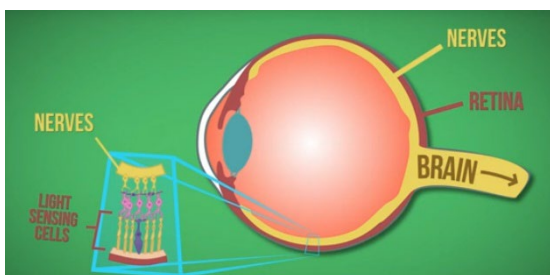
What else would you like Muse Machine to know about your experience?



Dig deeper into the amazing science of your visual system featured in *Now You See It*. This Flipgrid topic can be accessed with the **guest password** **muse123!**. Your responses won't be made public to anyone except Muse Machine. We may like your response well enough that we want to share it with the community, but we will ask your teacher's permission first.

Flipgrid: Check Your Blind Spot

<https://flipgrid.com/e8b166e5>



Have you ever heard of someone having a “blind spot” when it comes to understanding something? This metaphor has a real life connection to your eyes! Everybody's eyes have an actual blind spot that does not receive any visual information.

Watch the video to find your own blind spot and learn why you don't have a big black hole in your vision. Then, think about the following questions.

If our brains are filling in literal gaps in our sight with inferences, what does that mean for our ability to perceive reality? Why should we be curious about other ways in which the stories our brain tells us might be wrong?

Respond in a short video (2:00 minutes) at the link above.

Additional Resources

- <https://youtu.be/zjTCbL2wbRk> - The original video linked in the Flipgrid above.
- https://youtu.be/n46umYA_4dM - A more detailed explanation of the physiological and psychological influences on perception.
- <https://magazine.scienceconnected.org/2015/09/weve-all-got-a-blind-spot-and-can-shrink-it/> - A summary of a recent experiment to shrink blind spots.