

Talcott Mountain Science Center

Topic Science & Magic

Home School Science

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Home Links

Date September 29, 2023

Here's some information about the activities your student did with us. Links at the bottom will help you explore further. Enjoy!

What did we do (content, skills, data collection)?

We focused on illusions - tactile, auditory, and optical.

We learned how we can fool our senses by creating the right conditions.

We practiced examples of sleight and misdirection with “closeup” magic and how those methods can be used to fool people (even scientists)

We practiced coins, pencils, and pompoms and magic wands as tools

How did we do it (materials & methods)?

We demonstrated tactile illusions “two noses”, “inside-out hands”,

We demonstrated auditory illusions “loudness vs pitch” using a tone generator,

We investigated optical illusions, from parallax to printed to video illusions.

We applied these to science experiments and discoveries.

Where can we find out more?

Links:

<https://www2.jpl.nasa.gov/teachers/attachments/parallax.html#:~:text=The%20Parallax%20Angle%20%2D%2D%20How,the%20Earth%20to%20that%20star.>

<https://www.popularmechanics.com/science/g34253663/10-best-optical-illusions/>