

November 2019: Explore the 100s!

The 100s are home to several topics: philosophy, parapsychology, brain research, dreams, optical illusions, astrology and feelings/emotions. Here you will find books on how we think.

152.148: Optical Illusions

What is really there? Can we trust what we see? How do we see things?

ACTIVITIES

Craft – Make a 3-D Optical Illusion of Your Hand

It's lines! It's your hand! It's both! Download the instructions on page 2. Take a photo of your creation and share it with the librarians through [Wandoo](#) or by bringing the photo to the library.

Write - What if you could taste colors? What if you could hear smells? Write a short story (or a long one!) about getting your senses mixed up! Illustrations optional.

Wordless stories (pictures only) and comics welcome! Take a photo of your story and share it with the librarians through [Wandoo](#) or bring it in for us to read.

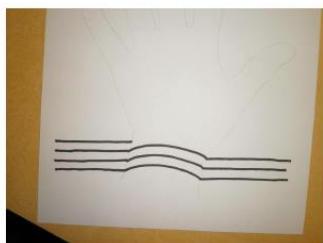
Worksheet -- Download a hidden picture worksheet on page 3! Take a photo of the completed picture and share it with the librarians through [Wandoo](#) or bring it to the library to show us!

Bonus Challenge: Read a fiction book! Go to page 4 for a list of books on this topic. You can also watch a movie or television show or play a video or tabletop game!

How to Draw a 3-D Optical Illusion of your Hand



Start by tracing your hand in pencil. Make sure you can clearly see your lines. Try to hold your wrist as straight as possible (you'll see why this makes it easier when you get to the other steps)



Next start with a straight line at the bottom of your paper and draw straight across until you get to the print. Now make a slight arching line over the hand-print, then draw a straight line the rest of the way across the paper. You may want to do these first few lines with pencil until you get the hang of it. If you are really confident, go for the Sharpie at this point. Don't worry about your lines being perfect or going all the way to edge of the paper.



--- Lather, rinse and repeat until you get to the thumb. This part can be a little tricky and you may find your line leaning downwards. That's OK, you will get them straighter as you go up. This does not have to be perfect. The main thing is to get a good arching line on the hand print part.

--- When you get to the fingers, do the same thing except each finger gets its own arch then go straight across to the next finger and so on. If you are still using pencil and not satisfied with the results, you can correct them as you go.

--- After you get to the top and have drawn all the fingers and the print, make a few more straight lines at the top to complete your drawing. You are done with the first part!



Pick out some favorite colors from your markers and start layering above your Sharpie lines with color, one at a time. You can change colors midstream, experiment, mix color combinations, whatever feels good to you.

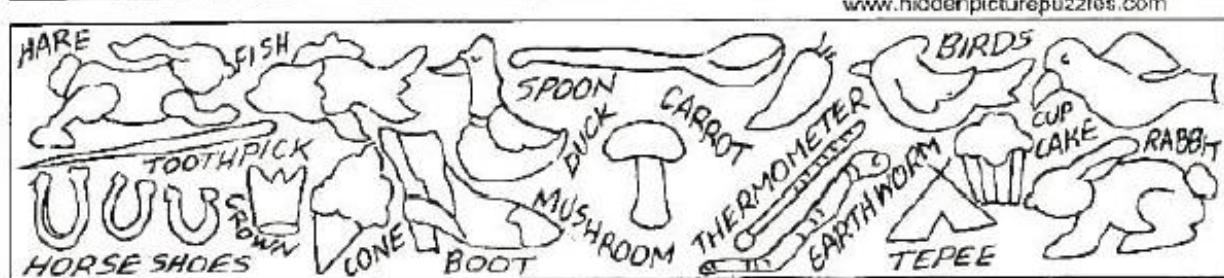
As you can see, I have been experimenting with different color combinations - including rainbow colors and even an "abstract" hand-print with wavy lines on each side (I don't recommend starting out with that one though, do some practice first)



Layer your colors one by one until you are done. I found myself using either 2 or 3 colors between my black Sharpie lines. You can also not use black at all, this is entirely up to you.

There, that's it! Enjoy your 3-D hand-print works of art!

Hidden Picture



Fiction Starters: 152.148 Optical Illusions

This list is a starter list, not required reading. On it are some, but not all, of the children's and middle grade fiction titles available at the Maynard Public Library. There are more titles in our eBook collection and of course at other libraries. "Reading" for the bonus challenge doesn't have to be a physical book, but can be video games, ebooks, audio books, movies, television shows, or anything with a narrative!

Each section is sorted alphabetically by author

*Indicates the title is available from another library

Board Book:

- * Black white / Tana Hoban
- * Black on white / Tana Hoban

Picture Books:

- * Zoom / Istvan Banyai
 - * The other side / Istvan Banyai
 - *Undercover : one of these things is almost like the others / Bastien Connaire
 - *Animals hide and sneak / by Bastien Connaire
 - * Color zoo / Lois Ehlert
 - *Shrinking mouse / Pat Hutchins
 - *Mouse views : what the class pet saw / written and photo-illustrated by Bruce McMillan
 - *Duck! Rabbit! by Amy Krause Rosenthal
 - Press Here by Herve Tullet
- ## **Chapter Books:**
- * Opt : an illusionary tale / by Arline and Joseph Baum
 - *Addison Addley and the trick of the eye / Melody DeFields McMillan
 - *It's me, Marva : a story about color & optical illusions / by Marjorie Priceman