

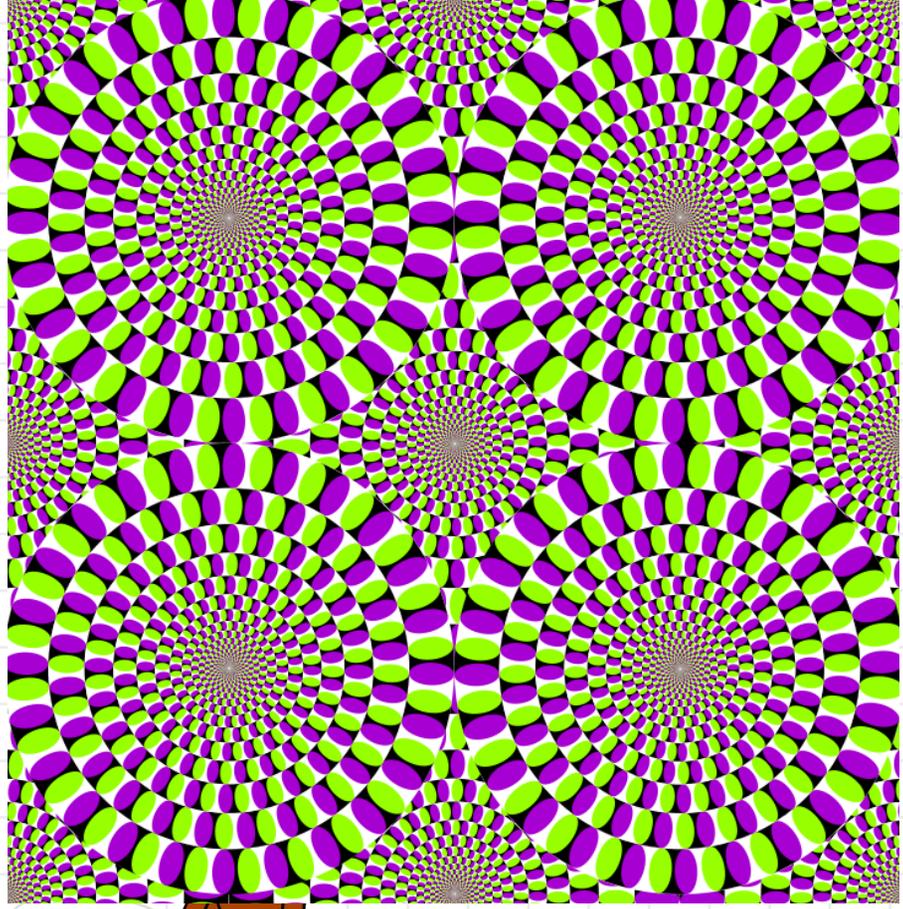
Curiosity Lab

PART 2: COLOR LAB

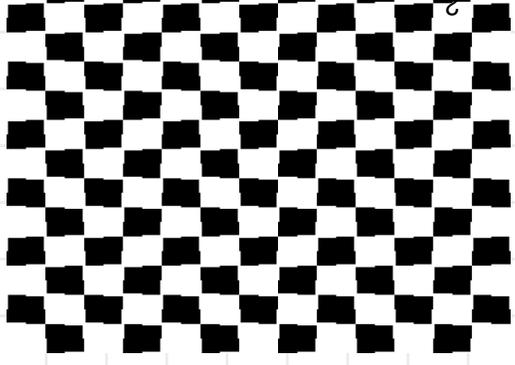
Try these out!

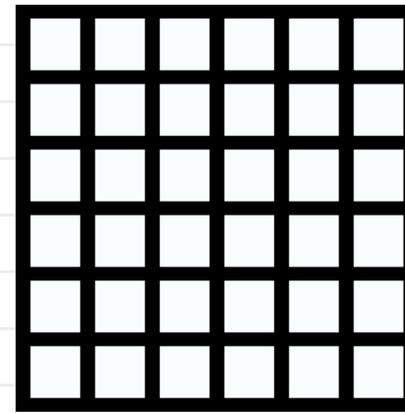
Do you like looking at optical illusions?

Stare at this image for a moment - notice anything unusual or surprising?



What about this one? Do the vertical lines look crooked to you? Test the lines by using a sheet of paper as a straight edge!





Look at this one. As you look at it, do you see some white dots popping around at the corners of the black squares?

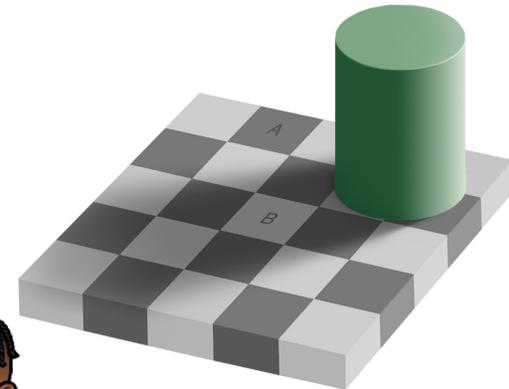


Look at the square marked A and the square marked B. Most people find that squares A and B look like they're different colors.

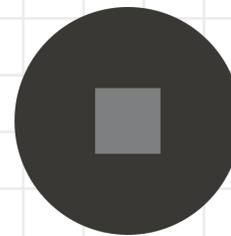
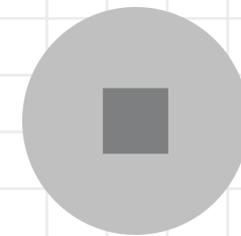
Does it look that way to you?



Believe it or not, squares A and B are exactly the same color!



What about the squares inside these circles? Do they look like the same, or different, colors?



The square in the left circle is the same color as the square in the right circle!



I love looking at optical illusions, don't you? Which was your favorite one?

Our eyes and brains are always working together to make sense of what we see in the world.
Some optical illusions "work" because of the way our eyes move, or sense movement.
Some work because of the way our brains try to figure out what patterns mean.
And the last optical illusions that we just saw trick our eyes based on the way we process color. How we see colors can change based on the lighting, surrounding colors, and our past experience with color.

We are going to play with color now! We are not going to trick our eyes with this project, but we'll use our eyes and brain to look at the colors of our own skin and create a match with paint.

Paint with Cozbi!

Cozbi! A. Cabrera is an author, illustrator, artist and maker.



Here are just a few of her award-winning books.

Your turn!

Let's paint: Family Collage

Showcase all the shades in your family!



1 Create sections to paint using washi or masking tape.



2 Each family member paints one or more sections.



3 Let the painting dry, then remove the tape. Voilà!



Your turn!

Let's paint



1 Make a rectangle on the paper with pencil or tape



2 Paint it with the large paintbrush!



or, paint the outline of your hand.

1



Trace your hand with a pencil...

2

...then fill it in with paint!



Let's paint!

We'll start with making a small sample of paint that matches your own skin tone.



Supplies

- tempera paint (red, yellow, blue, black, white)
- plate or something to mix on
- paintbrush
- pencil
- thick paper to paint on
- washi tape, if desired
- water
- paper towels
- tablet or laptop where you can learn how to mix paint to match your skin tone with Cozbi



Cozbi will teach us how to mix a paint sample that reminds you of your own skin tone.



Let's paint

Your turn!



1 With pencil, draw a simple outline of a face

2

Trace with a thin or thick marker



4 Fill it in with the large paintbrush!



1 With pencil, draw a simple outline of a face

1



3 Trace it with the small paintbrush

3

I want you guys to be willing to experiment a little bit! We don't start out with all the answers. We just want to explore!

That's the beauty of us humans...we can learn anything.

You stop when you're kind of happy with it...

What's beautiful about this exercise is we really begin to see a little differently... We begin to see a little more clearly.

No one's skin tone is just one flat color. I think it's important that people see the entire process. You don't get it right away - you just keep working at it until you get closer...sometimes you take a few guesses here and there.

We're not trying to go for an exact match -- we're just going for a reminder of our skin.



Paint!

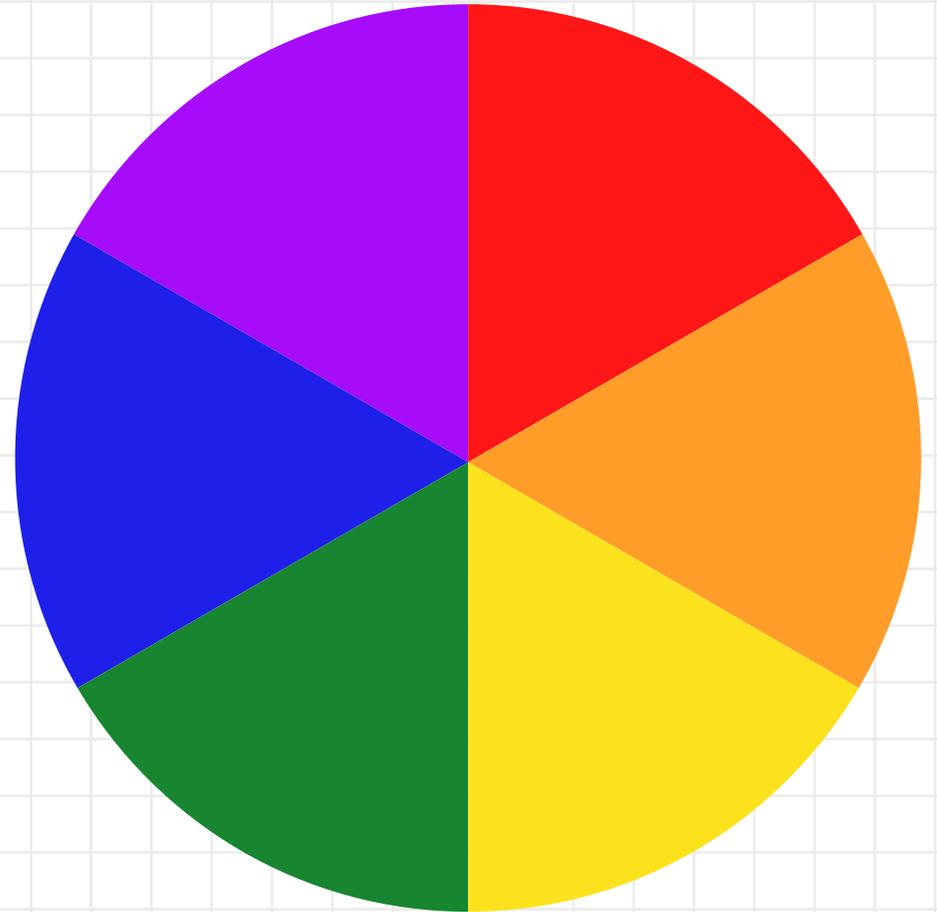


Mix up a larger batch of paint in your shade.

Use it to paint a beautiful field of color, your hand, head, initial - or your own design...



...and to make a collage of the skin tones in your family.



Here's some space for you to write your own poem.

Your turn!

My Skin!

When you have a shade that reminds you of you, paint a little here!



What do you notice about your skin that you haven't noticed before?



What would you like to name your own unique color?

Circle the colors you used to make your shade.



Now think of a name for YOUR shade of skin & write it down.

Your turn!

If you're having trouble thinking of something, maybe the photos on the next page will help inspire you.

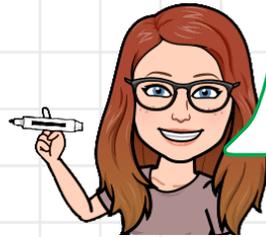


TRY A ZIPPER POEM!

I found it so satisfying to write this love poem to my skin. I wanted to focus on both the micro (me and my skin) and the macro (our shared experience of being human).



I decided to write a zippered poem. The left side can be read on its own, as can the right. But together it offers a fuller picture. In the first numbered lines I included imagery connected to the rose, since it's part of the skin shade name that I chose. I also used language to describe my freckles and my veins that can easily be seen through my light skin.



I also wanted this poem to honor all of us as incredible living body universes. Our bodies do so much for us! So, that's why I brought in words like universe, stars, constellations and celestial.

1. First it emerges with a blush.

In this Living Body Universe

2. Then darkness, in deep summer.

Every Shade True.

3. Forming earthy stars at every angle, curve, and wrinkle.

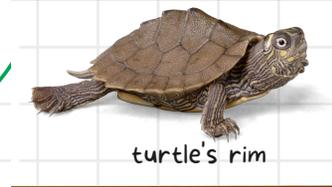
Every name honored.

4. While dusky blue roots trace the storied constellations across limbs.

Born out of a celestial embrace, spanning centuries and continents.



plush kitten tan



turtle's rim



lemur's belly



falcon's flight feather



My Skin!

Your skin is incredible!

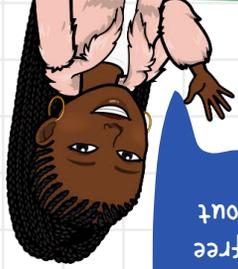
It protects your body from germs, heat, and cold.

It keeps you from drying up!

Did you know that you
grow a completely
new fresh skin every
28 days?

and -- it is
beautiful too!

Poems don't have to rhyme
or follow a pattern. This
type of poem is known as
"free verse." Here's a free
verse poem I wrote about
my skin!



My skin

Burnt copper
smooth as silk
soft as a pillow
it gives me pride.

I feel strong in my polished armor
I am ready to shine!

Or try this!

One fun, easy way to write a
poem is to use a pattern.

Here's how to make a
"Cinquain" (sin-kain) poem:

My dusty sunset skin
Pinks & oranges
Renewing, protecting, holding
Shifts with the changing light
My dusty sunset skin



LINE 1

Write your skin shade name you created

LINE 2

Write 2 words that describe your skin tone

LINE 3

Write 3 words that describe what your skin does

LINE 4

Write a 4-word sentence about your skin or skin shade

LINE 5

End with the skin shade name you invented