

Leap Into Science Week 2022: "Make Sense of Our World!"

Today's Activity: Snowstorm in a Jar!

Fill up 1/4 of the jar with water. Add about a teaspoon of white paint in the water and stir to mix. The mixture should look like milk. If necessary, add more paint. Fill up the rest of the jar with baby oil. Let the water and paint mixture settle to the bottom. Add glitter in the mixture if desired. You can add a few drops of blue food coloring to make it look like the sky. Let it settle again. Break up an Alka-Seltzer tablet and drop the broken up pieces one at a time into the jar. Place the

lid and watch the reaction! Oil and water do not mix, and oil is thicker than water. Water will sink to the bottom. The baking soda and water will start to create gas forming bubbles. The gas wants to go up, but the oil pushes it back down. This is what makes it look like snow. This information can be shared with your children. The older they are the more detail you can provide. You could even ask them what they think will happen before adding each ingredient into the mixture.



Materials Needed:

- Jar
- Water
- White Paint
- Alka-Seltzer table or Tbsp of baking soda
- Glitter and blue food coloring optional)

Books to check out today!

- Baby Loves Sight (Five Senses) by Ruth Spiro (infant-pre/k)
- Patricia's Vision: The Doctor Who Saved Sight (school age)
- What can I see by Annie Kubler (infant/tot)
- Let's Explore the Sense of Sight by Candace F. Ransom

Please Note! An adult should use the glitter and supervise. Glitter can cause eye damage and should be kept out of the reach of small children.

WV Early Learning Standards:

Science as Inquiry:

Utilization of Inquiry

SC.PK.5 Identify the five senses and use them to make observations

SC.PK.7 Engage in scientific talk by utilizing words (e.g., observe, compare, contrast, measure, reflect, predict, plan). WV Early Learning Standards:

WV Early Learning Standards: Infant/Toddler

Approaches to Learning: Curiosity-Exploring with the senses

Cognitive: Cause and Effect-Exploring and Repeating actions

Creative Expression: Visual Arts-Notices bright and contrasting colors



We See with Our Eyes!

Songs and Lullabies

"What A Wonderful World"

I see trees of green
Red roses too
I see them bloom
For me and you
And I think to myself
What a wonderful world

I see skies of blue
And clouds of white
The bright blessed day
The dark sacred night
And I think to myself
What a wonderful world

The colors of the rainbow
So pretty in the sky
Are also on the faces
Of people going by
I see friends shaking hands
Saying, "How do you do?"
They're really saying
"I love you"

I hear babies cry
I watch them grow
They'll learn much more
Than I'll never know
And I think to myself
What a wonderful world

Yes, I think to myself
What a wonderful world

Performed by
Louie Armstrong



(To the tune of "I like to eat,
eat, eat, Apples and Bananas")

The Five Senses Song

When I use my eyes, eyes,
eyes, I can see the sun-
shine,

When I use my ears ,ears,
ears, I can hear the birdies,

When I use my ears ,ears,
ears, I can hear the wind
chimes,

When I use my nose, nose,
nose, I can smell the flow-
ers,

When I use my nose, nose,
nose, I can smell the muf-
fins,

When I use my mouth,
mouth, mouth, I can eat
bananas,

When I use my mouth,
mouth, mouth, I can eat
lemons

When I use my hands,
hands, hands, I can touch
my teddy!

Repeat each line twice!
From "CoComelon"

"I See the Light"

All those days watching from the
windows

All those years outside looking in
All that time never even knowing
Just how blind I've been
Now I'm here blinking in the star-
light

Now I'm here suddenly I see
Standing here it's all so clear
I'm where I'm meant to be

And at last I see the light
And it's like the fog has lifted
And at last I see the light
And it's like the sky is new
And it's warm and real and bright
And the world has somehow shifted
All at once everything looks different
Now that I see you
All those days chasing down a day-
dream

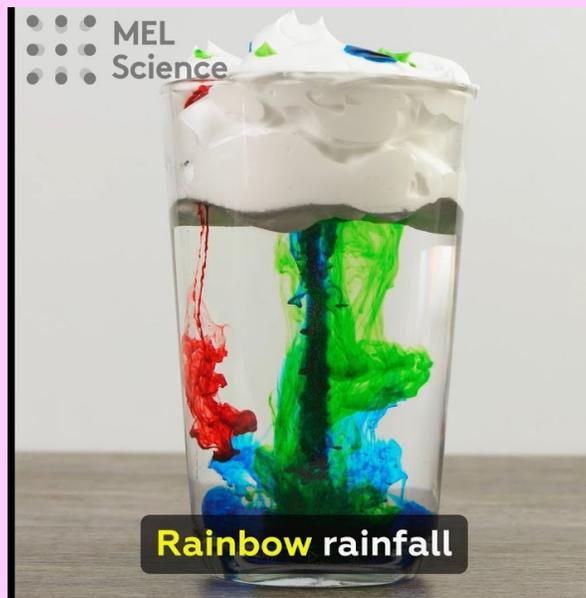
All those years living in a blur
All that time never truly seeing
Things, the way they were
Now she's here shining in the star-
light

Now she's here suddenly I know
If she's here it's crystal clear
I'm where I'm meant to go

And at last I see the light
And it's like the fog has lifted
And at last I see the light
And it's like the sky is new
And it's warm and real and bright
And the world has somehow shifted
All at once everything is different
Now that I see you
Now that I see you
by Mandy Moore and Zachary Levi
From "Tangled"

"Rainbow Rainfall"

Using a drinking glass or jar, fill about 3/4 of the way with water. Top the rest with shaving cream. Using a dropper with food coloring, squeeze one drop at a time in different areas of the shaving cream with as many different colors as you wish. As the food coloring dissolves the shaving cream, it will naturally fall to the bottom of the glass creating a beautiful rainfall of colors. With older children you could go into discussions about gravity, weather, and colors mixing together.



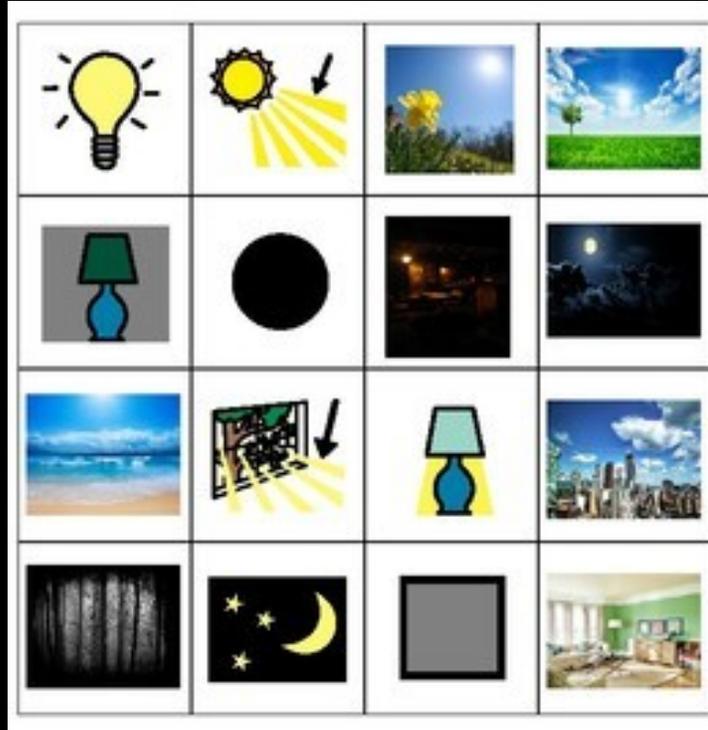
Lemon Volcanoes

Roll lemons on a hard surface to break up the pulp, cut the lemons in half, place them in a dish, and poke with a popsicle stick or spoon to release more juice. Add a few drops of food coloring to each lemon half. Drizzle dish soap over the lemon. Pour about a tablespoon or two of baking soda on top of the lemons. Slowly pour white vinegar over the lemons and they will fizz and bubble! If the bubbles slow down, squeezing more juice from the lemon with the popsicle stick or spoon can release another reaction.



Question of the Day: Dark or Light?

Using pictures or actual objects, have children decide if it is dark or light, night or day, or if it is something that is a light source. Flashlights, led string lights or lanterns, or glow in the dark objects could also be used for great activities!



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