

January  
Snow Unit

# What is **SNOW**?

Snow is a type of **precipitation**, which means that it is water that is falling to the ground – in this case, as snow!

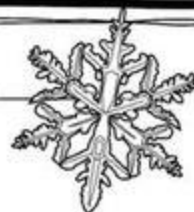
## HOW DOES SNOW FORM?



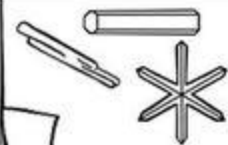
Snowflakes form when a water droplet freezes around a speck of dust or pollen. As it falls to the ground, water vapor in the air freezes to it to form more crystals.

Name: \_\_\_\_\_

# LIFECYCLE of SNOW



crystals form



water vapor freezes



snowflakes



evaporation



# TYPES of SNOWFLAKES



branched  
star



plate



dendrite



triangular



stellared  
plates



star



stellar  
dendrite



# Little Snowflake

By Erin Weingaertner (Tune of "I'm a Little Teapot")

I'm a little snowflake  
Icy and white  
Floating down  
on my first flight  
Water droplets join,  
no longer alone  
To make a design  
that's all my own!



FIND: down, and, on, all, my, no

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## 5 Little Snowflakes



One little snowflake with nothing to do  
Along came another, and then there  
were two

Two little snowflakes laughing with me  
Along came another, and Then there  
were three

Three little snowflakes looking for  
some more

Along came another, and then there  
were four

Four little snowflakes dancing a jive  
Along came another, and then there  
were five

Five little snowflakes having so much  
fun

Out came the sun, and then there  
were none!

# Children's Winter Song: Warm Clothes For When It Snows

(Tune of "The Farmer in the Dell")



My hat goes on my head,  
My hat goes on my head,  
Warm clothes for when it snows,  
My hat goes on my head!



My scarf goes round my neck,  
My scarf goes round my neck,  
Warm clothes for when it snows,  
My scarf goes round my neck!



My gloves go on my hands,  
My gloves go on my hands,  
Warm clothes for when it snows,  
My gloves go on my hands!



My boots go on my feet,  
My boots go on my feet,  
Warm clothes for when it snows,  
They hold my body heat!



Lyrics by Storytime Sprout  
More at [storytimesprout.com](http://storytimesprout.com)! :)





# Five Little Snowmen



Five little snowmen sitting on a hill  
The **FIRST** one said, "I think I feel a chill"  
The **SECOND** one said, "But here comes the sun!"  
The **THIRD** one said, "We'd better **run** and **run** and **RUN**!"  
The **FOURTH** one said, "He doesn't scare me!"  
The **FIFTH** one said, "I'm melting! Oh, gee!"  
Then up came the sun shining bright all day,  
And down went the snowmen... they just melted away!



Teacher's Dreaming Studio ©2012

## Snow Paint

To make our puffy snow paint all you need is 4 simple ingredients you probably already have on hand. Mix together in a medium size bowl:

- 1 cup **white glue** (we used Elmers)
- 2 cups **shaving cream** (*not gel*)
- 1/2 cup flour







## Melted Snowman Shape Craft

Cut the shapes and glue on blue paper

# I Built a Snowman

**TUNE: THE ITSY BITSY SPIDER**

I built a snowman

*(make a large circle with arms)*

He had a carrot nose *(point to nose)*

Along came a bunny *(hold up bent fingers)*

And what do you suppose? *(shrug)*

That hungry little bunny *(make bunny again)*

Looking for his lunch *(hop bunny around)*

Ate the snowman's nose

*(pretend bunny is eating nose)*

Nibble! Nibble! Crunch!

*(pretend to be eating a carrot)*



Cape May County Library

**Kids**

# Little Mitten

(tune of I'm a little teapot)



I'm a little mitten,  
buried in the snow.  
If you find me hidden,  
you will need to know.  
Inside me is an owl,  
or maybe a hare.  
You might find a hedgehog,  
a mole or a bear.  
You may see a badger, a fox,  
or a mouse.  
But whatever you do,  
don't take the mitten in your house!





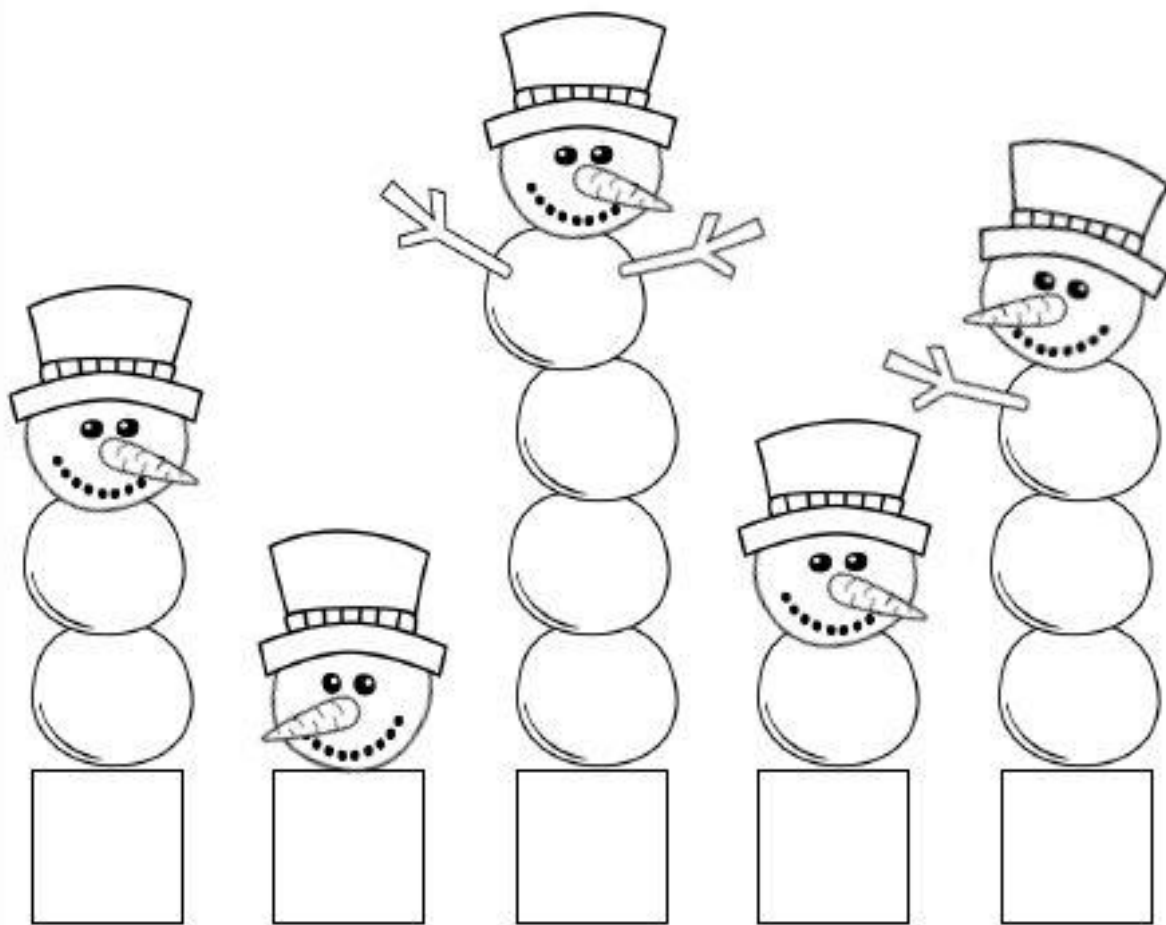
# WINTER Trace and Count



Name \_\_\_\_\_

## Silly Snowman Math How Many?

Count the snowballs in each snowman.  
Cut and paste the matching numbers.



2 4 3 1 5

# Melting Ice Science Experiment

## MATERIALS

- Bowls or dishes (for making the ice)
- A large tray with sides
- Salt
- [Droppers](#) or a spoon

## INSTRUCTIONS

### Step #1) Make The Ice

For fun, and for experiment's sake, I filled many different sizes of bowls with water and left them to freeze overnight.

I recommend this! Not so much for quantity, but I'd suggest trying at least two or three different sizes. Make at least one of them shallow. The Tupperware container you can barely see in the back of the photo above was great for this.



### Step #2) Set Up Your Melting Station

The next morning I loosened the ice from the bowls with a little warm water and set them in a big plastic finger paint tray with a raised edge.

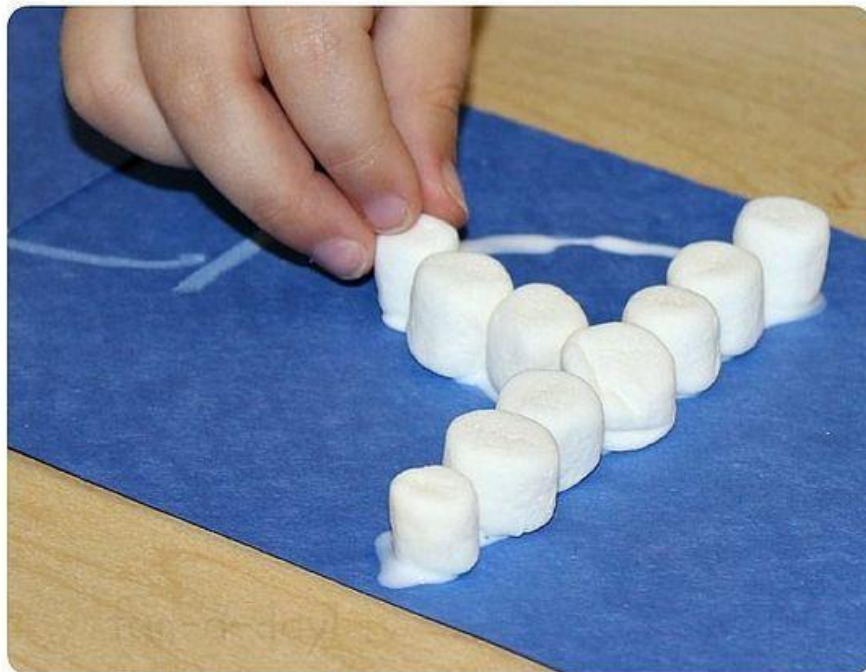
I remembered how much the ice melted last time— that's the point, right?! —and I didn't want a salty, painty mess all over my table. A baking tray with sides would also work. I also set our tray over an old towel for extra protection.

### Step #3) Add Salt

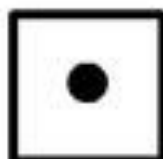
Maia's friend Stella was over for the morning and the three girls were very excited about the melting ice science experiment! I gave them each a bowl of table salt (inexpensive Morton's salt) and they sprinkled it over the tops of the ice domes.







roll a snowman key



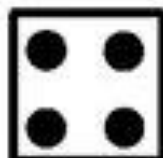
Draw the  
Snowman's hat.



Draw the  
Snowman's arms.



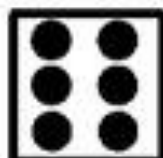
Draw the  
Snowman's buttons.



Draw the  
Snowman's eyes.

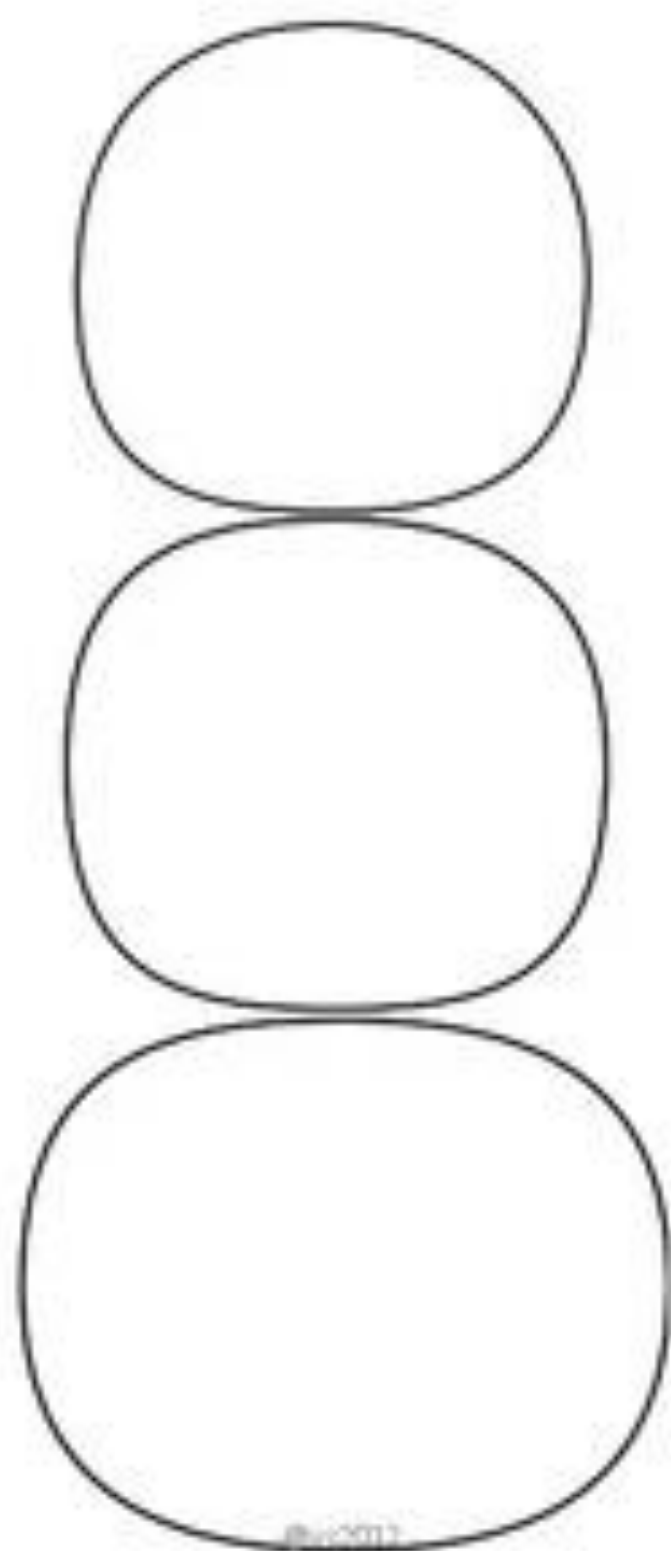


Draw the  
Snowman's nose.



Draw the  
Snowman's mouth.

@vici011





# SALT CRYSTAL SNOWFLAKES WINTER FUN FOR KIDS



## What you'll need to make salt crystal snowflakes:

- [Salt](#)
- [Mason jars](#) (1 for each snowflake)
- [pipe cleaners](#)
- [Clothes pins](#)

## How to Make Snowflake Crystals Step by Step

We used off-brand salt to keep the costs low. Our salt container was less than \$1! You definitely don't need the fancy salt for this one.

Make snowflakes with pipecleaners



**Insider mom tip:** Before letting your kids join you for this project, I recommend making the saltwater in advance. You will need to heat about 3 cups of water per mason jar (what we did was fill the jar and dump it into a pot).

When the water boils, start adding salt. Keep pouring it in until crystals start to form on the surface of the water. It will take almost the entire container of salt for three snowflakes, so don't be shy about adding it.

When the water is cooling, let the kids design their own snowflakes from chenille stems. You may have to provide some guidance or help for younger children, but older ones can easily do this on their own. Just make sure the snowflakes can fit easily through the mouth of each jar.

When the snowflakes are designed, attach a chenille stem hanger to the top of each snowflake so you can suspend it in the mason jar.



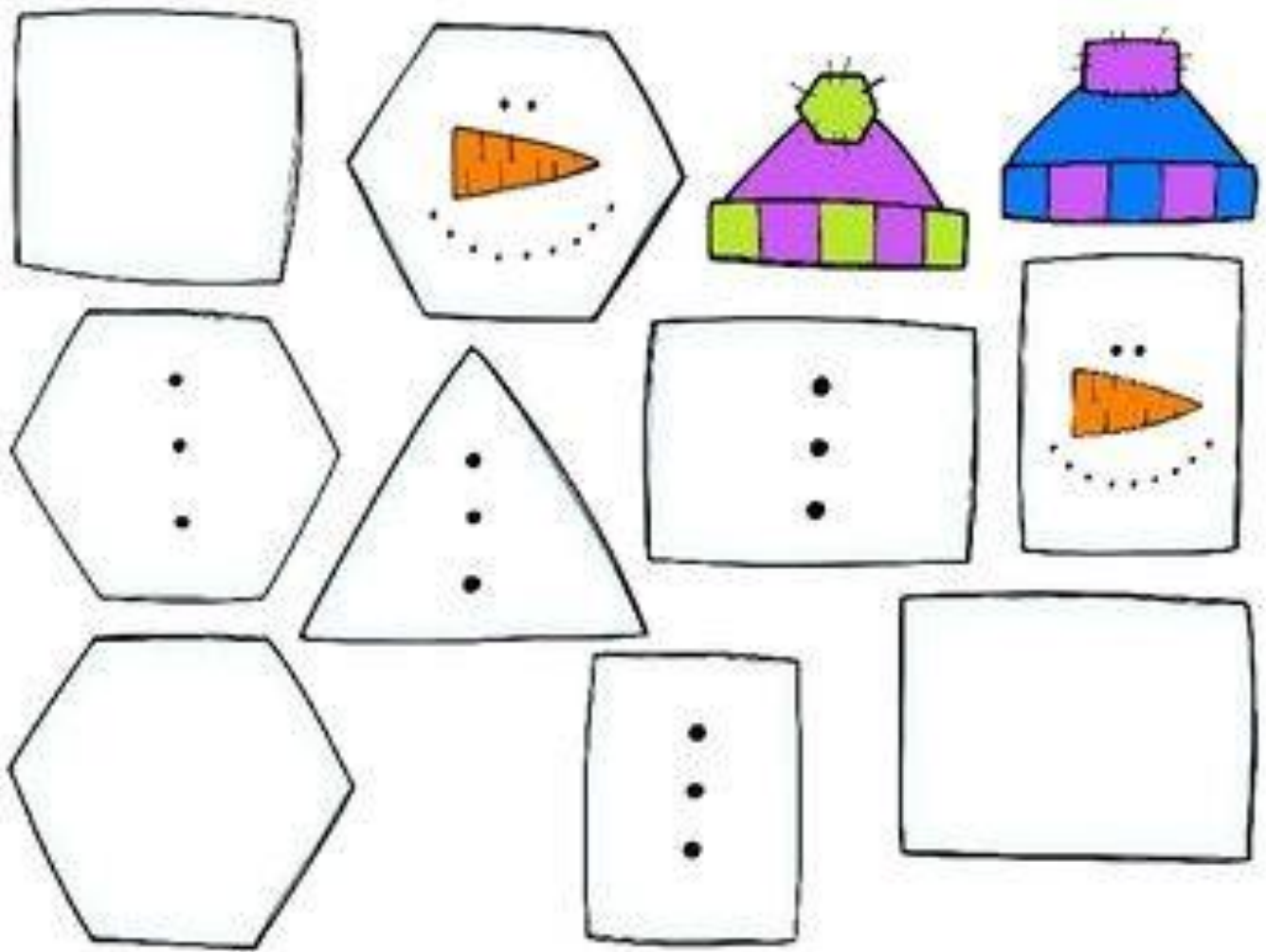
Suspend the snowflakes in the saltwater using a clothespin to hold them in place. Let the snowflakes sit in a sunny window for 2-3 days.

After 2-3 days, remove your snowflakes and let them dry. Your salt crystal snowflakes are ready!



Now that your salt crystals are made, your kids can continue learning! Hang them from a window or just admire their beautiful designs!

My kids loved inspecting the snowflakes with a magnifying glass to see the individual crystals up close. You can even have them log their observations in a journal or a notebook.



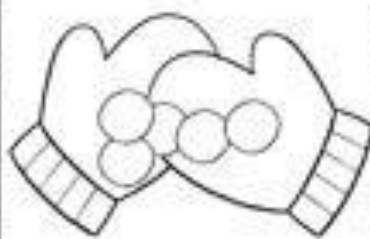
Cut the shapes and match them to make a snowman.



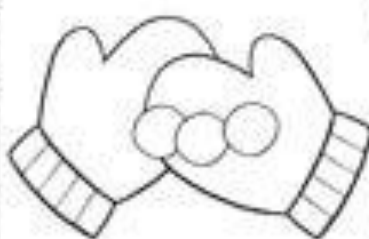
Name \_\_\_\_\_

# Snowballs Counting

Directions: Count the snowballs. Fill in the correct circle. Then color the pictures.



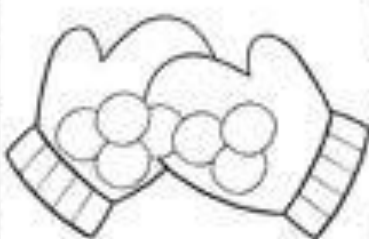
4  
5  
3



2  
4  
3



6  
8  
7



7  
6  
8



2  
3  
4



8  
9  
7