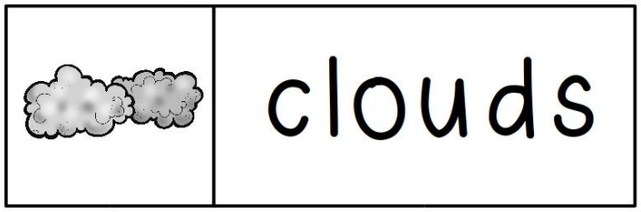
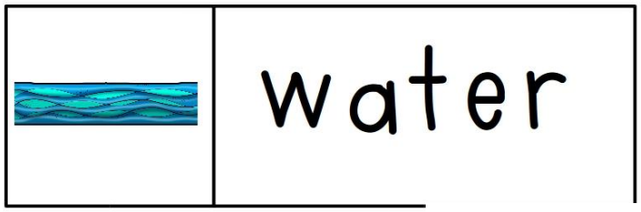
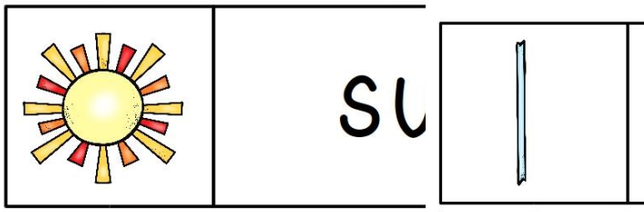
SNOW LITERACY & SCIENCE

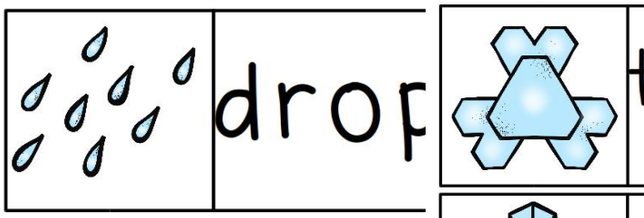
Snow Vocabulary

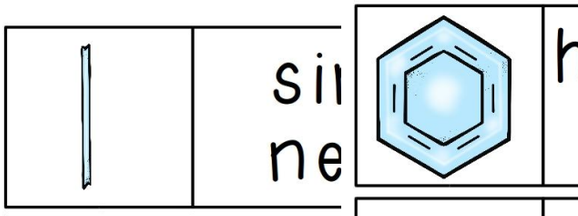
Great for word walls or to support writing and discussion about snow, snow crystals, and snowflakes!

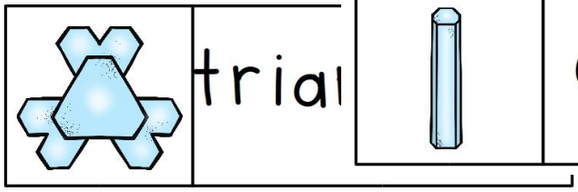


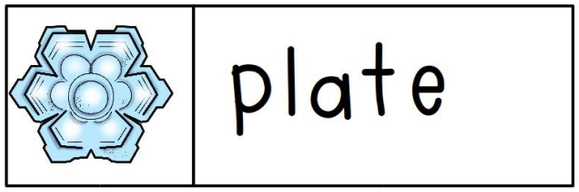


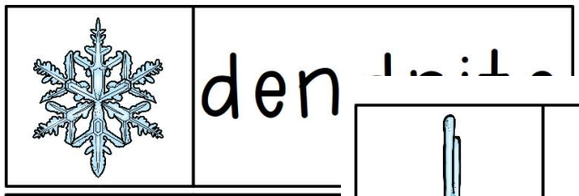


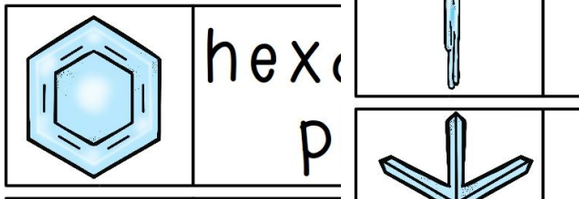


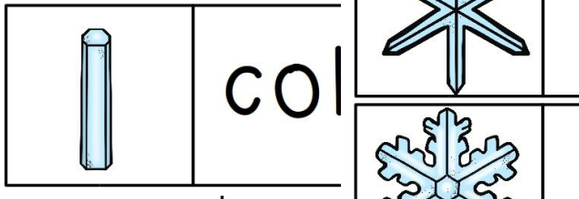


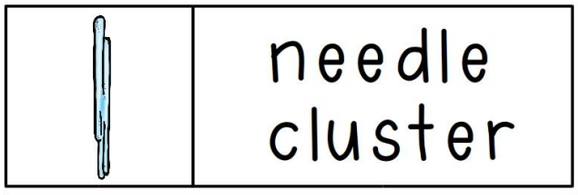


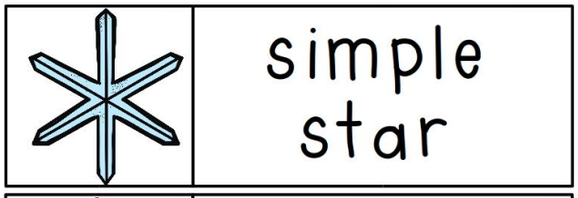


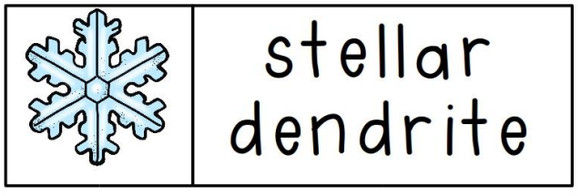


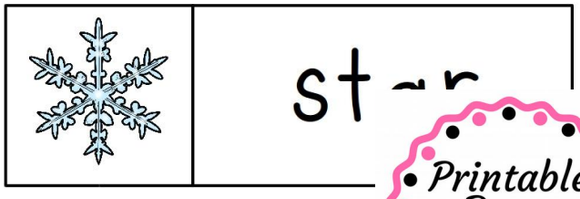










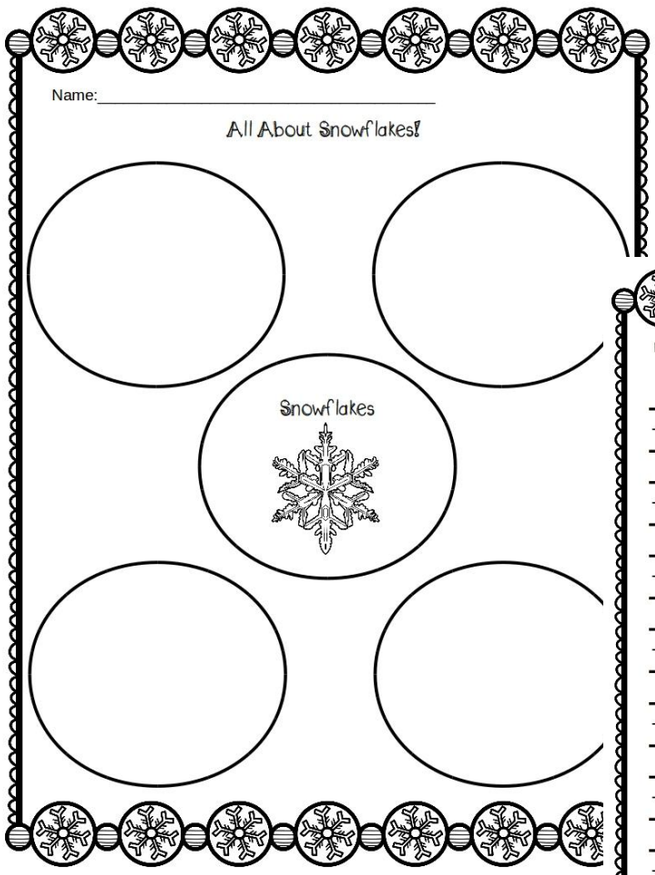


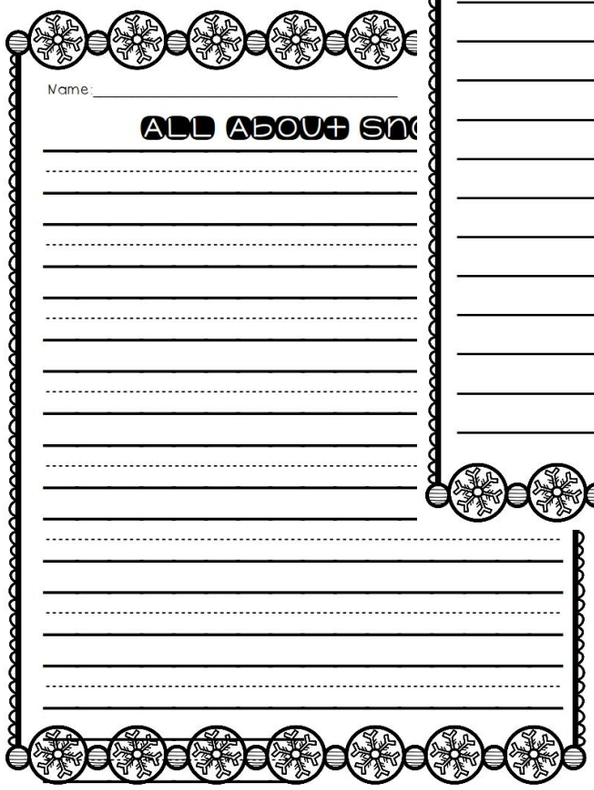
Printable Prompts

SNOW LITERACY & SCIENCE

Snow Research Companion

2 Versions- Snow and Snowflakes!





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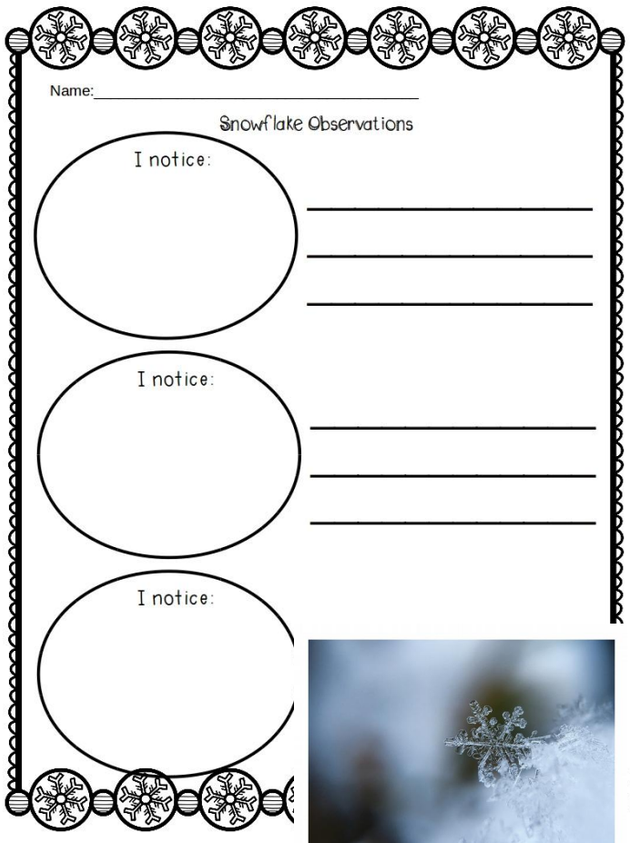
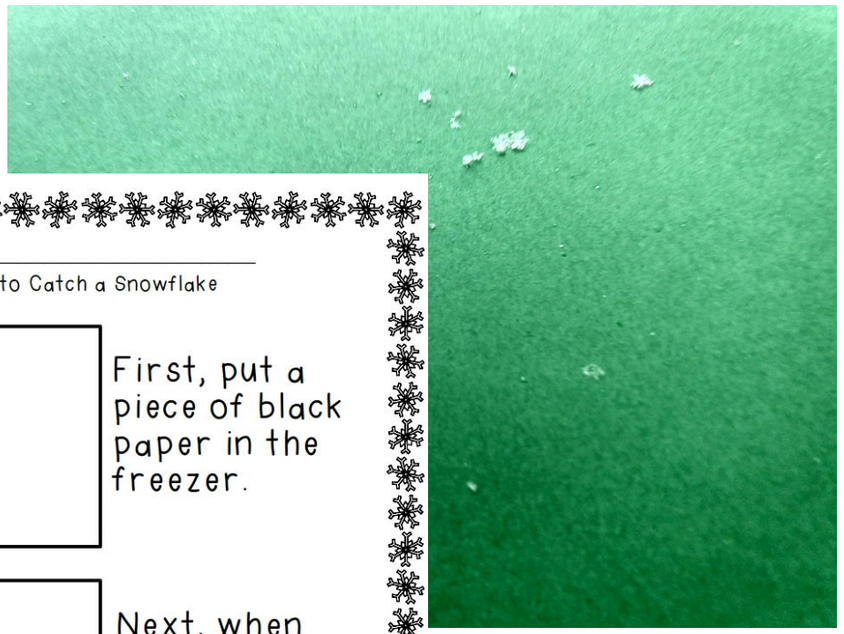
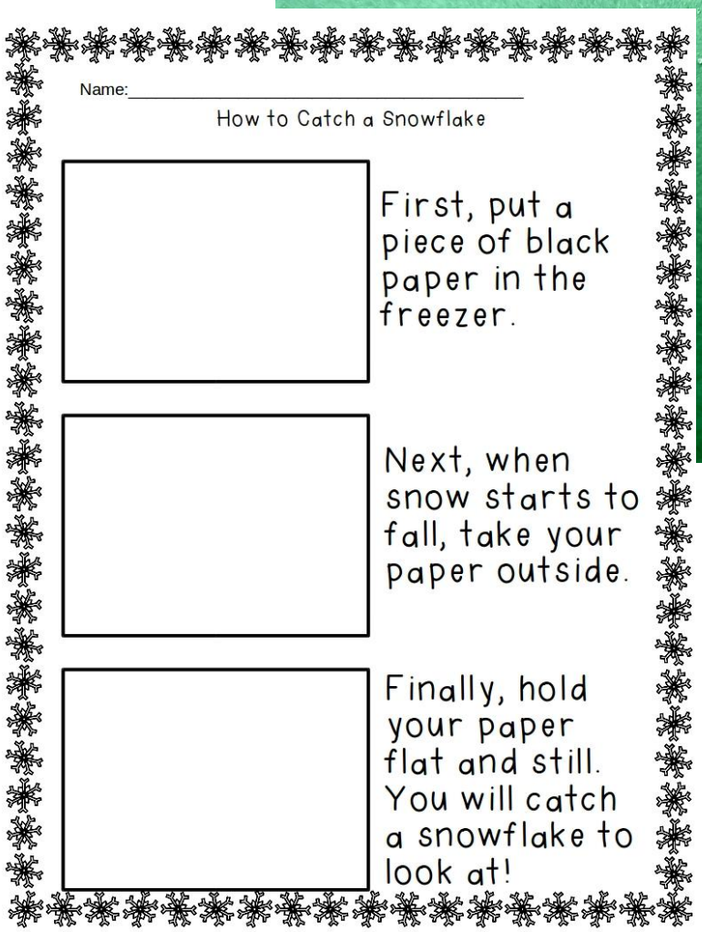
SNOW LITERACY & SCIENCE

Snow Observations

Use with included photos or with the catch a snowflake observation exploration!







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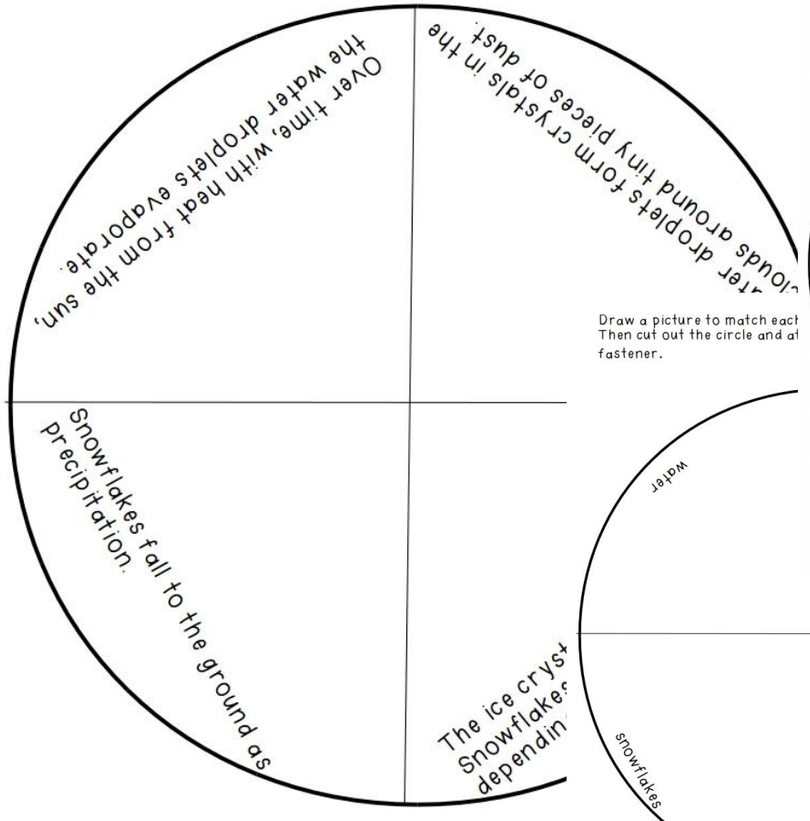
SNOW LITERACY & SCIENCE

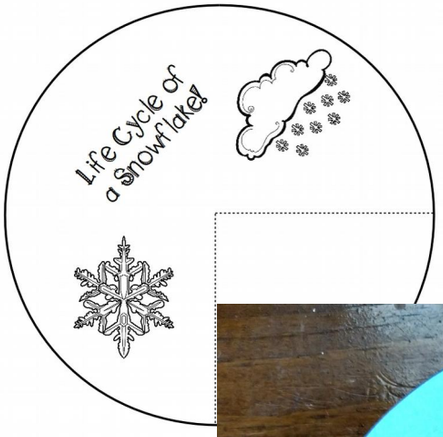
Snow Cycle

Offered in 2 versions!

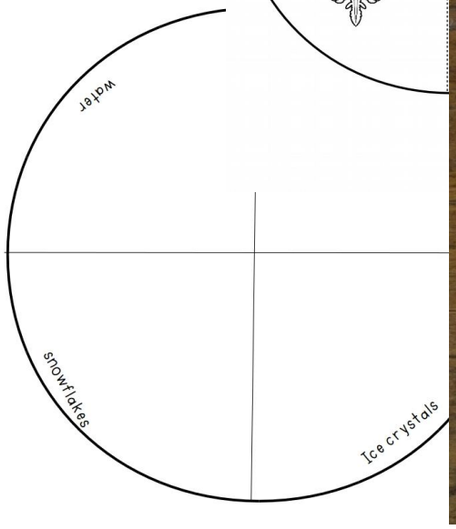
Draw a picture to match each part.
Then cut out the circle and attach it to the spinner cover with a brass fastener.

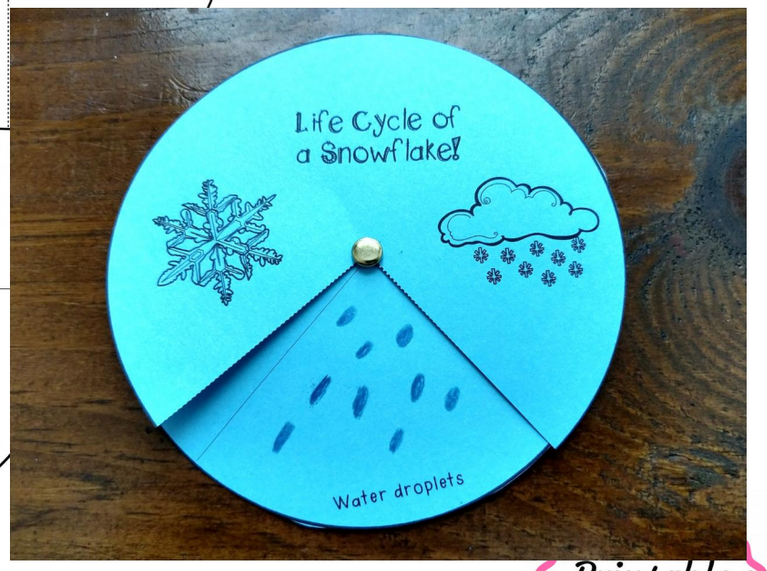


Cut out the circle. Cut on the dotted lines.
Then attach it to your life cycle spinner with a brass fastener.



Draw a picture to match eact
Then cut out the circle and at
fastener.





Printable Prompts

SNOW LITERACY & SCIENCE

Informational Passages

4 Common Types of Snow Crystals

There are many types of snow crystals. Many types of snow crystals and join together to form larger snowflakes We will learn about 4 types.

Stars

Star snow crystals are the most common kind. They form in cold moist air. They have six pointy sides when they form. Usually many stars clump together to form a larger snowflake.

Dendrites

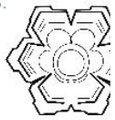
Dendrites are snow crystals that look similar to stars. Dendrit appear to have parts that branch out to the sides to mc them look 3D. They form in cc air than star snowflakes.

Columns

Column snow crystals form in very cold, dry air. They look long just like a column. Sometimes other types of snow crystals will stick to column crystals forming snowflakes.

Plate

Plate snow crystals are forme in cold air. They are formed a the same temperature as star crystals when the air is drier. They do not usually have thin branches like the dendrite or star snow crystals.



There are many other types of snow crystals as well. In fact, there are even special kinds of snow crystals in each o these four categories. Catch a snowflake. Can you see any of t kinds of crystals?

Life Cycle of a Snowflake

Do you know how a snowflake is born?

Snow is made of water, so the way that snowflakes are formed is a part of the water cycle.

Snow is a form of precipitation. Precipitation is water that falls from the sky as a part of the water cycle. Rain and sleet are two other kinds of precipitation.

hat evaporates as water vapor.
vapors, reach the sky if the
nowflakes will form.

m the sky, it lands on land and even
e snow melts, it is a liquid again.
ight from the ground. Other melted
ies of water.

ates into the sky is water vapor.
ter vapor reaches the sky again in
ight! Snow is formed!

ts away, don't worry! It will return
a part of the water cycle.

All Snowflakes are Different

You have probably heard that no two snowflakes are exactly alike. Do you know why that is?

Snowflakes form in a very special way. First, water vapors in the clouds become very cold. They form crystals around tiny pieces of dust in the air. These crystals have a very special pattern. The pattern is created because the crystals are made of water. A snowflake is born!

Many different things affect the shape and size of a snowflake! The temperature is one thing that affects snowflakes. The type of snowflake that is formed depends on how cold the air is and how humid, or wet, the air is. Even snowflakes that are said to form in warmer air still form in air that is very cold.

Many things change the shape of a snowflake. In fact, snowflakes keep changing as they fall to the ground. They can change shape based on how quickly they move, their size, or the temperature as they move toward the ground. They can also change shape when they hit objects, like trees, or even the ground.

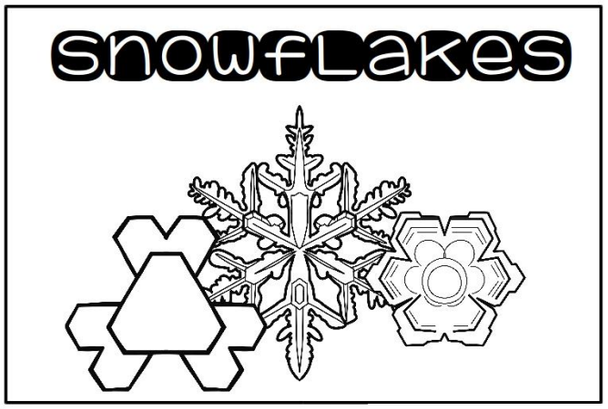
The formation and journey of a snowflake to the ground are very unique. This is why all snowflakes look different when we look closely at them.

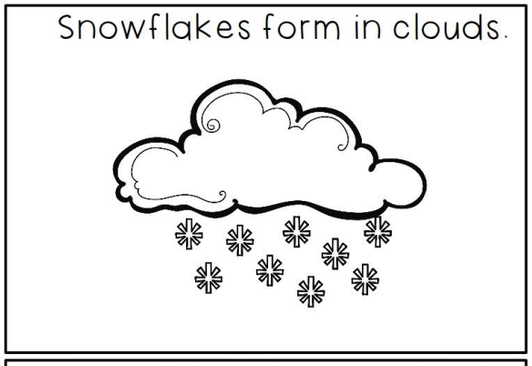
Printable Prompts

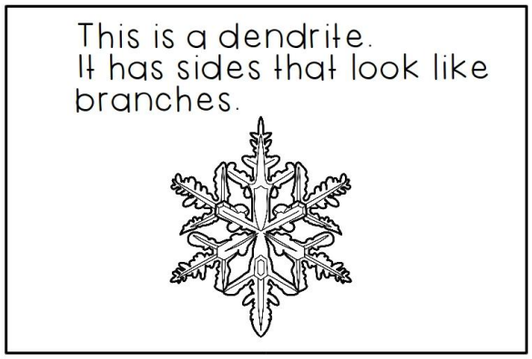
SNOW LITERACY & SCIENCE

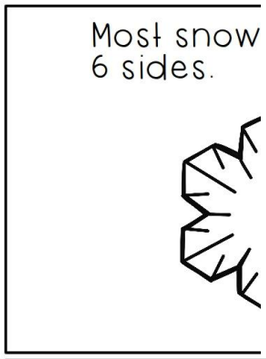
Emergent Reader

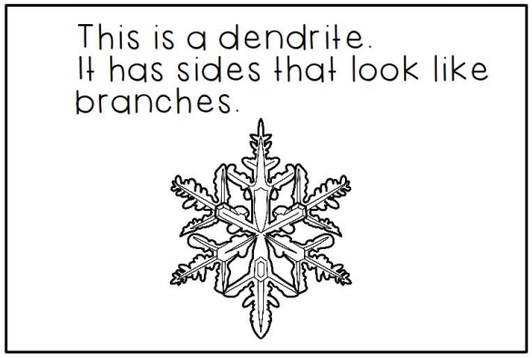
8 pages included so you can print and include the ones just right for your students.

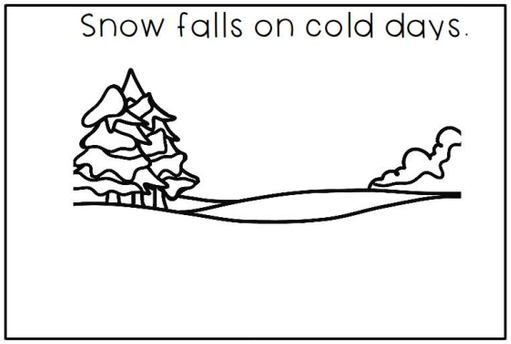


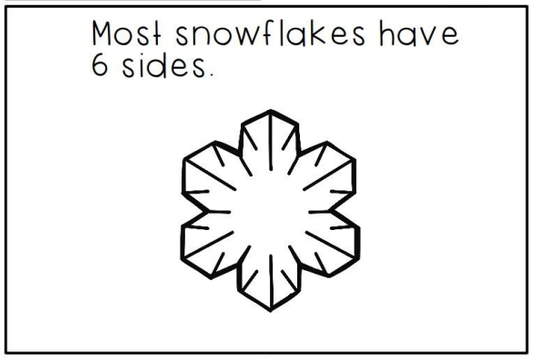












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