

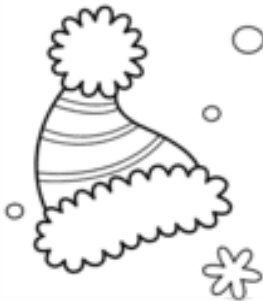
WINTER SEASON

L T D R I F T L P I
J U S Y H O L L Y I
S N O W X R R G I U
R Y G D Z C O L D F
M V O F Q I B D G R
O H A R E A I F X O
O W F Q Q Q N Z I S
S E H O N M S J T T
E I V H U S K Y E H
L D L Z T L F I R N

WORD LIST

COLD
DRIFT
FIR
FROST
HARE

HOLLY
HUSKY
MOOSE
ROBIN
SNOW



JANUARY

...brings the snow,
makes your feet
and fingers glow.

SARA COLERIDGE

SNOWY DAY

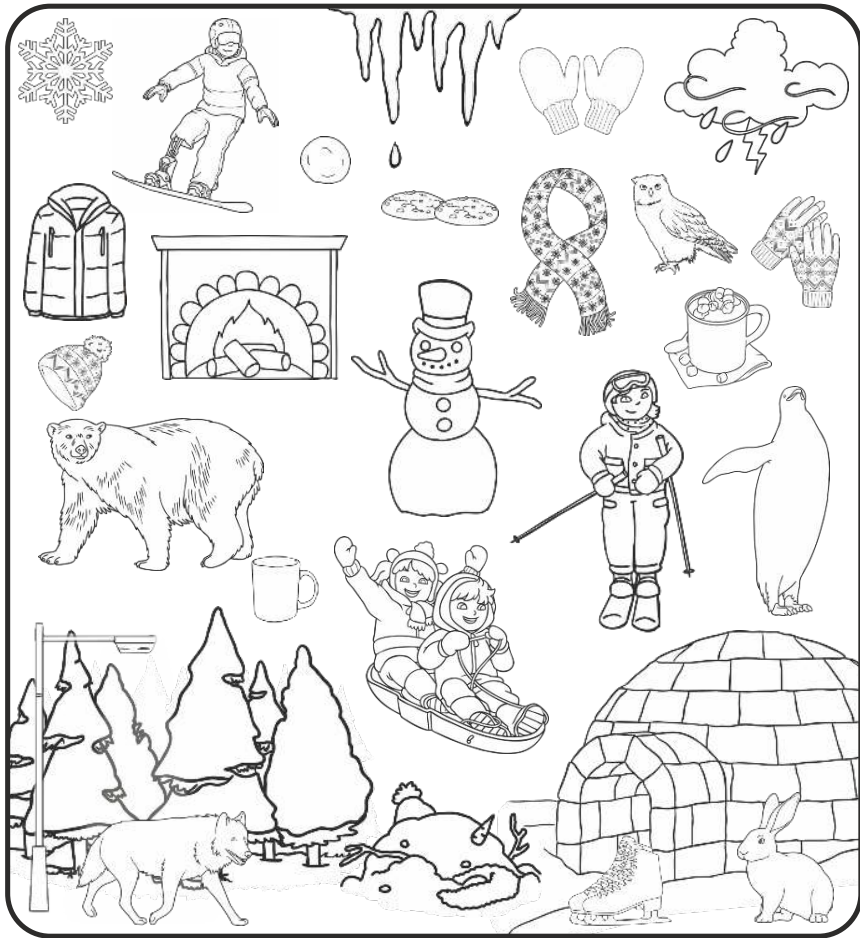
ACTIVITY BOOK

COLORING, GAMES AND CHALLENGES





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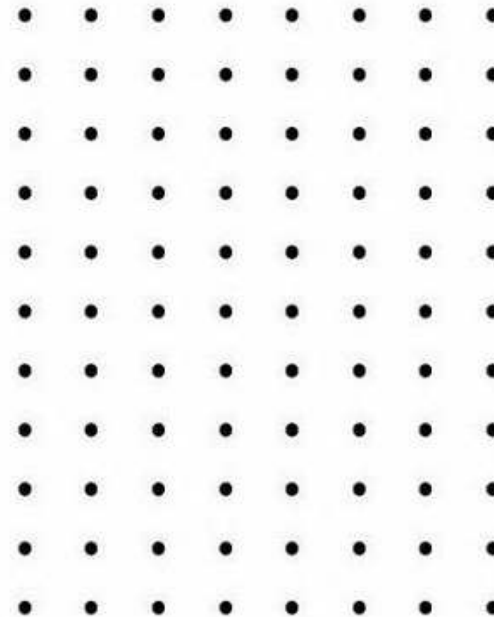
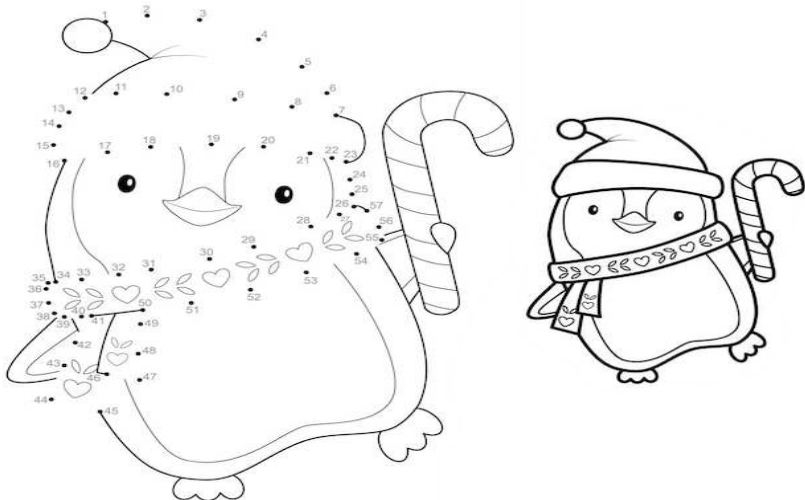
Winter I Spy



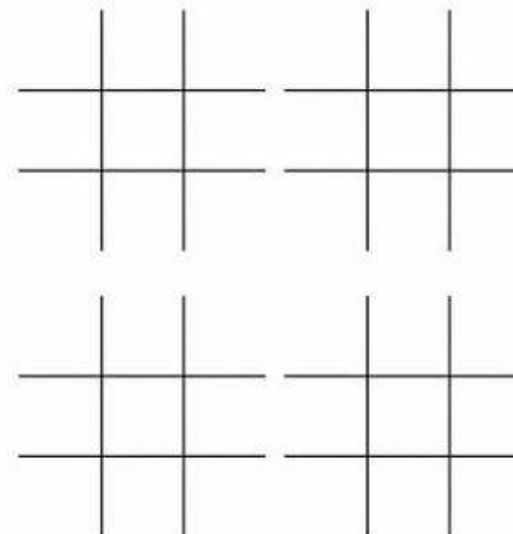
- | | | | |
|--------------------------------------|-------------------------------------|--|-------------------------------------|
| <input type="checkbox"/> snowboarder | <input type="checkbox"/> hare | <input type="checkbox"/> cookies | <input type="checkbox"/> scarf |
| <input type="checkbox"/> ice skates | <input type="checkbox"/> polar bear | <input type="checkbox"/> fireplace | <input type="checkbox"/> snowman |
| <input type="checkbox"/> snowball | <input type="checkbox"/> igloo | <input type="checkbox"/> melting ice | <input type="checkbox"/> owl |
| <input type="checkbox"/> skier | <input type="checkbox"/> snow | <input type="checkbox"/> melted snowman | <input type="checkbox"/> penguin |
| <input type="checkbox"/> mug | <input type="checkbox"/> snowflake | <input type="checkbox"/> person sledding | <input type="checkbox"/> wolf |
| <input type="checkbox"/> mittens | <input type="checkbox"/> storm | <input type="checkbox"/> tree | <input type="checkbox"/> gloves |
| <input type="checkbox"/> hat | <input type="checkbox"/> gloves | <input type="checkbox"/> forest | <input type="checkbox"/> ski jacket |

BOREDOM BUSTER! TAKE YOUR PICK

<input type="checkbox"/>	Have a winter snack party with your family.	<input type="checkbox"/>	Have a karaoke day with friends.	<input type="checkbox"/>	Have a movie night with your family.	
<input type="checkbox"/>	Have a play day with friends in your backyard or house.	<input type="checkbox"/>	Create art on black construction paper using chalk.	<input type="checkbox"/>	Write a letter to a favorite teacher, neighbor, or friend.	
<input type="checkbox"/>	Create snowflakes to put in your windows at home.	<input type="checkbox"/>	Have a family board game night.		<input type="checkbox"/>	Invite friends for a fun art day. Make an art gallery with your art.
<input type="checkbox"/>	Paint a picture of what you see outside your window.	<input type="checkbox"/>	Make puppets using paper bags and put on a show for your family.	<input type="checkbox"/>	Make an art project using your handprints and paint.	
<input type="checkbox"/>	Make a winter journal using materials you find around the house.	<input type="checkbox"/>	Enjoy a picnic inside. Lay a blanket out and enjoy a meal with your family.		<input type="checkbox"/>	Draw a picture of the winter scenery where you live.



Dots and Boxes



Tic Tac Toe

SNOW

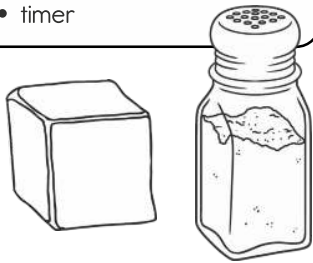
11 FUN FACTS

- ★ Each snowflake is unique – so, no two ever look alike.
- ★ The typical snowflake has 180 billion water molecules.
- ★ Permanent ice and snow cover 12% of Earth's surface.
- ★ For the first time ever, snow was reported on the ground of all 50 states was on February 12, 2010.
- ★ January 19, 1977, a trace of snow was recorded in Homestead, FL (south of Miami) – that's the furthest south snow has fallen in the continental United States.
- ★ A blizzard is defined as: a snowstorm in which visibility drops to a ¼ mile or less, winds are 35 miles per hour or greater, and has a duration of at least 3 hours.
- ★ Snowflakes fall at an average speed of 3.1 miles per hour.
- ★ The snowiest city in the United States is Rochester, NY, where an average of 94 inches of snow falls each year.
- ★ Snow forms at 32 degrees Fahrenheit or lower.
- ★ Snow is water vapor that has condensed without ever entering the liquid phase.
- ★ Sleet, unlike snow, forms when rain drops or drizzle freeze into ice as they descend from a cloud.

Melting Ice Science Experiment

Materials:

- assortment of different-sized bowls or containers to freeze water in
- a large tray with sides
- liquid watercolor or food coloring
- salt (table salt and rock salt)
- eye droppers, spray bottles, and spoons
- timer



Directions:

***Complete the first step at least the night before you begin the experiment.**

- Fill various sized bowls or containers with water. Freeze overnight.
- When ready to start the experiment, remove the ice by running warm water over the bottom of the containers to loosen the ice pieces. Place them on a large tray to contain the melting water.
- Sprinkle the salt slowly over the ice. Try both types of salt on different ice pieces.
- Use a timer to check how long it takes for the ice to start to melt. Record it on the datasheet.
- Observe as cracks and ravines appear on the ice.
- Using the eye droppers, drip liquid watercolor or watered-down food coloring into the ravines.
- Observe the ice as the salt continues to make more rivulets and cracks.
- Answer the questions on the datasheet.



How long did it take for the ice to start melting?

Which type of salt made the ice melt faster?

Did the cracks appear first on the outside or the inside of the ice?

Explain why you think that happened.

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