Name _____

Winter Break Pack: 4th grade

14 days · about 20 minutes a day · check off each day when it's done

Do one box a day, in order or in any order you like. Most days use a page in this pack; two days are for any book from your shelf or the library. On game day, pick any game for your grade on english1to5.com. Finish all 14 to earn the certificate on page 9.

Day 1 **Spelling words** Read and copy the winter words ☐	Day 2 **Word search** Find all the winter words ☐	Day 3 **Reading** Read the story or article ☐	Day 4 **Questions** Answer the reading questions ☐	Day 5 **Skill page** Do the practice page ☐	Day 6 **Library book** Read any book for 15 minutes ☐	Day 7 **Game day** Play an English game online ☐
Day 8 **Writing: plan** Plan your writing ☐	Day 9 **Writing: draft** Write your draft ☐	Day 10 **Writing: share** Fix it up and read it aloud ☐	Day 11 **Spelling test** A grown-up reads the words; you write them ☐	Day 12 **Reread** Read the story again, faster and smoother ☐	Day 13 **Library book** Read any book for 15 minutes ☐	Day 14 **Celebrate!** Finish the reading log and get your certificate ☐

For grown-ups: keep it short and fun. Ten focused minutes beat an hour of struggle. The answer key is on the last page.

Name _____

Winter Spelling Words

Read each word. Then write it on the line next to it. Cover it and write it again from memory.

crystal	**hexagon**
vapor	**particle**
symmetry	**microscope**
atmosphere	**unique**
branches	**temperature**

Spelling test on Day 11: a grown-up reads each word aloud and you write it.

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Winter Word Search

Find each word. Words go across, down and diagonally. Check the box when you find it.

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

☐ crystal ☐ hexagon ☐ vapor ☐ particle ☐ symmetry ☐ microscope

☐ atmosphere ☐ unique ☐ branches ☐ temperature

Name _____

The Secret Life of a Snowflake

Your child reads on their own. For the last question, ask them to find the clue words in the text.

Every snowflake begins high in a cloud, with a tiny speck of dust or pollen. When the air is cold enough, water vapor freezes onto the speck and forms an ice crystal.

Water molecules always join together in a six-sided pattern, so the crystal grows into a hexagon. As the crystal falls, it passes through air of different temperatures and dampness. Each change makes it grow in a new way: flat plates in one layer, long branches in another.

Because all six arms travel through the same air at the same moment, they usually grow in matching shapes. That is why a snowflake looks balanced, or symmetrical.

But no two snowflakes take exactly the same path down from the cloud. That is why scientists say it is very unlikely that two snowflakes are exactly alike. The first person to photograph snowflakes through a microscope, Wilson Bentley, took more than 5,000 pictures in his lifetime and never found two the same.

So the next time snow falls, catch a flake on a dark mitten and look closely. You are seeing a tiny record of that flake's trip through the sky.

Name _____

Questions: The Secret Life of a Snowflake

Look back at the text to find your answers.

1. What does every snowflake start with?

2. Why are snowflakes six-sided?

3. Explain why two snowflakes are very unlikely to be exactly alike.

4. What does the word symmetrical mean in paragraph 3? Which words help you know?

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Fix-it sentences

Each sentence has 2 or 3 mistakes. Look for run-ons, commonly confused words, commas and dialogue. Rewrite it correctly.

1. its snowing we cant go outside.

2. your going to need you're boots.

3. mom said "put on a warm coat."

4. the snow was deeper then last year

5. I was cold but I kept walking

Name _____

Write: You wake up on the first day of winter break and everything outside is frozen solid, even the air. Write a story about what happens next.

Plan a beginning, a problem, how it is solved and an ending. Use dialogue at least once.

Plan: jot your ideas here before you write.

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Winter Break Reading Log

Write what you read each day, or draw a small picture. A grown-up initials the last box.

Day	What I read	Minutes	Grown-up
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			



Winter Reading Champion

This certificate goes to

_____

for finishing all 14 days of the 4th grade Winter Break Pack.

Signed _____ Date _____

Answer Key

For grown-ups. Praise effort first, then fix one thing at a time.

Word search

TEMPERATURE: row 5, column 1, across; MICROSCOPE: row 2, column 1, across; ATMOSPHERE: row 12, column 2, across; PARTICLE: row 1, column 4, across; SYMMETRY: row 4, column 5, across; BRANCHES: row 11, column 1, across; CRYSTAL: row 7, column 4, across; HEXAGON: row 3, column 6, across; UNIQUE: row 10, column 7, across; VAPOR: row 9, column 6, across

Reading questions

1. a tiny speck of dust or pollen in a cloud
2. water molecules join together in a six-sided pattern
3. each one takes a different path through air of different temperatures and dampness, so each grows differently
4. balanced, with matching parts; "matching shapes" and "balanced"

Fix-it sentences

1. It's snowing, so we can't go outside.
2. You're going to need your boots.
3. Mom said, "Put on a warm coat."
4. The snow was deeper than last year.
5. I was cold, but I kept walking.

Writing

Look for: a clear beginning, details, and an ending; capital letters and end marks; spelling words used correctly.