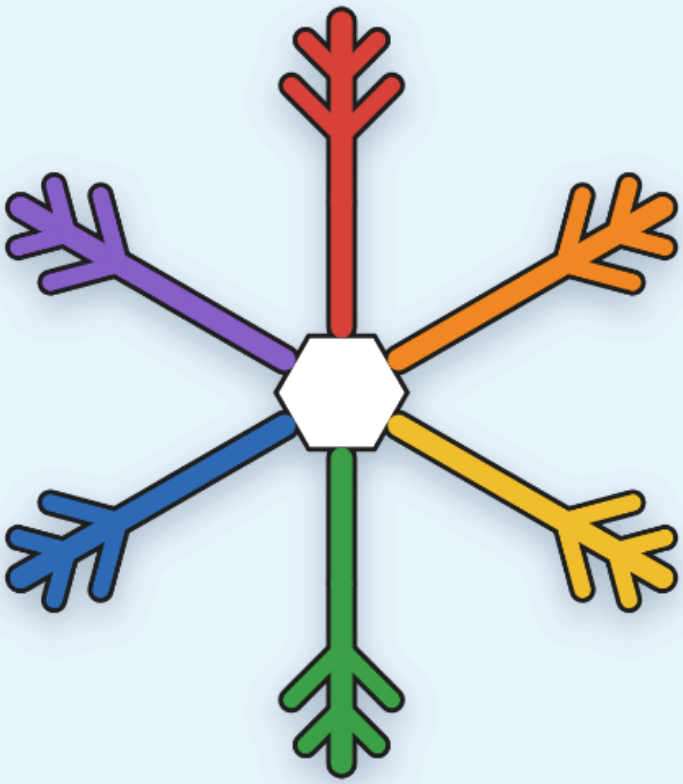
SNOWFLAKE BENTLEY

Science, Retell, Writing, Craft




My name _____

Read. Look at the pictures.

WILSON BENTLEY

Wilson Bentley was a farmer. He lived on a farm in Vermont.

He looked at snowflakes with a microscope. In 1885 he took a picture of one with a camera.

Most snowflakes have six arms. Wilson saw that no two looked the same.



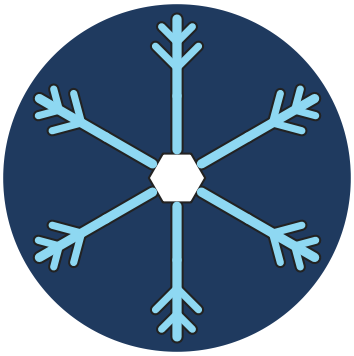




K-3 18 PAGES

Bright Path Sped

Snowflake Bentley Activities: Start Here



What's inside

- **Read and check**: Wilson Bentley (page 3) and check your reading (page 4)
- **Words**: 6 vocabulary cards (page 5) and trace-and-write (page 6)
- **Retell in order** (page 7): 4 glue boxes and 5 pictures to cut
- **Six-arm symmetry**: trace and finish a snowflake (page 8), draw your own (page 9)
- **Six-Arm Snowflake craft** (pages 10-11): 6 arm pieces to color, cut and glue around a hub
- **Writing at three levels** (pages 12-14), **compare** two snowflakes (page 15)
- Family letter (16), data page with the answer key (17), credits (18)

Works with any Snowflake Bentley read-aloud. This unit has its own short reading and its own pictures. It has no book text and no book art, and it is not affiliated with or endorsed by the author, illustrator or publisher of any book about Wilson Bentley. Use your own copy of the book.

The three writing levels

The shape by My name marks the level: circle starting, square building, triangle ready for more.

- **Level 1, trace and fill in (page 12).** Three sentences. The child traces the printed words and writes the missing word from the word bank.
- **Level 2, picture boxes and lines (page 13).** Three boxes to draw a snowflake, the camera and winter, each with a sentence starter and writing lines.
- **Level 3, free writing (page 14).** The starter "I learned that snowflakes..." is printed; the child draws and writes in their own words.

Five days, one activity a day

- **Day 1 — Read.** Read Wilson Bentley aloud (page 3), then the child reads it and circles the answers (page 4).
- **Day 2 — Words and retell.** Cut the 6 word cards (page 5), trace the words (page 6), then glue the story in order (page 7).
- **Day 3 — Symmetry.** Trace the dots to finish the snowflake (page 8), then draw branches on the six arms of your own (page 9).
- **Day 4 — Craft and compare.** Color and cut the arm pieces (page 10), glue them around the hub (page 11), then compare two snowflakes (page 15).
- **Day 5 — Write.** Give each child the writing level that fits (pages 12-14). Read the writing aloud to a partner.

The facts on the pages (for the adult)

Wilson Bentley was a farmer in Vermont, long ago. He looked at snowflakes through a microscope and took their pictures with a camera; his first picture of a snowflake was in 1885. Most snowflakes have six arms, and he saw that no two looked the same. These are all the facts used. Check dates against your own book. The pages use a generic farmer picture, not a portrait.

Making it easier or harder

- Easier: read the page aloud together, a partner holds the glue stick, or the child traces only the dotted arms on page 8.
- Harder: write all three Level 1 sentences with no word bank, then a second sentence on the back of Level 3.

Prep

Print on paper; card stock suits the arm pieces. You need scissors, glue sticks and crayons. Each cutting page is a grid so every cut is one straight line. Answer key: page 17.

PREVIEW

My name _____

Read. Look at the pictures.

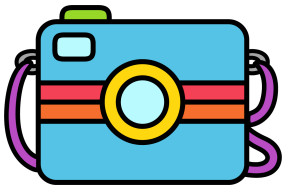
WILSON BENTLEY

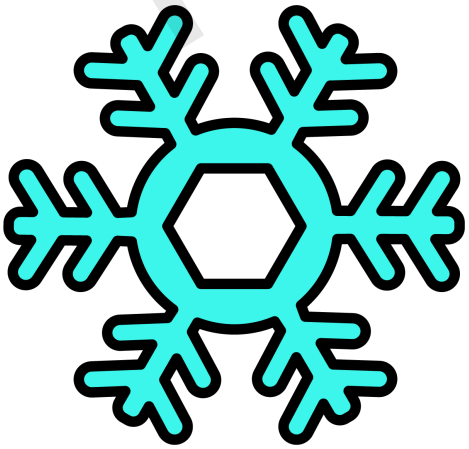


Wilson Bentley was a farmer. He lived on a farm in Vermont.

He looked at snowflakes with a microscope. In 1885 he took a picture of one with a camera.



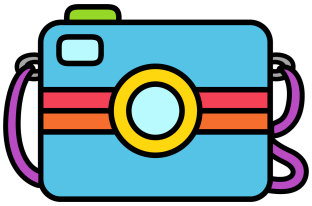




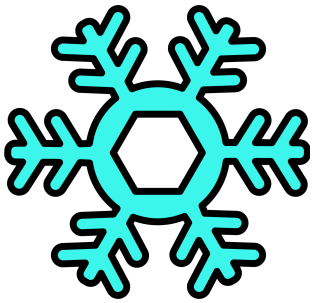
Most snowflakes have six arms. Wilson saw that no two looked the same.

PREVIEW

Cut out the word cards.



camera



snowflake



winter



crystal



farmer



microscope

Say each word. Keep the cards for the story.

PREVIEW

My name _____

Cut and glue the story in order.

FIRST	NEXT	THEN	LAST

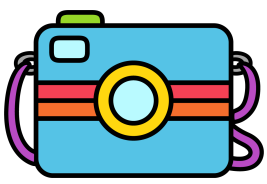
One picture is not in the story. Leave it out.

First, _____

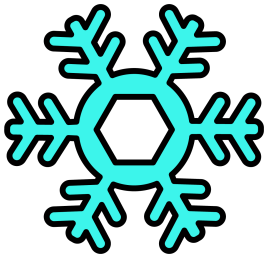
Next, _____

Then, _____

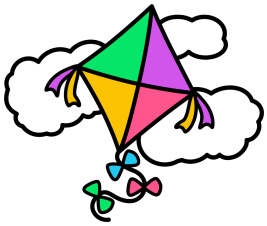
Last, _____



camera



snowflakes



kite



farm

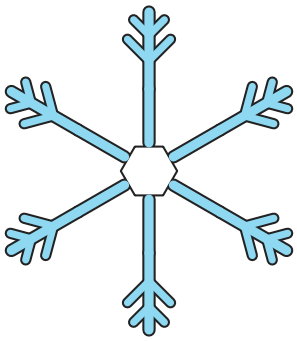


microscope

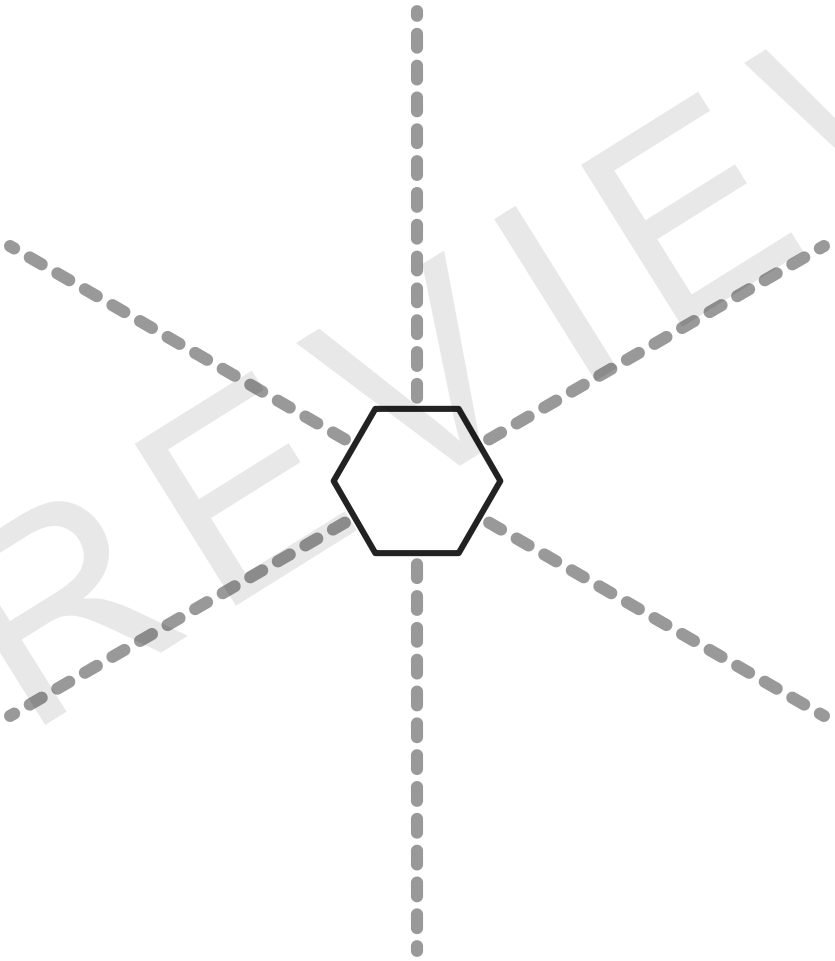
PREVIEW

My name _____

Draw branches on every arm.



Look at this arm.
Draw branches like it
on all six arms.



PREVIEW

My snowflake has _____

Words to use **six** **arms**

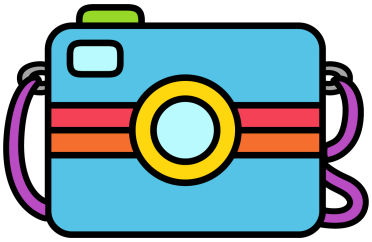
My name _____

Trace the words. Write the missing word.



Wilson Bentley was a _____

_____



He took pictures with a _____

_____



Most snowflakes have six _____

_____

Word bank farmer camera arms

PREVIEW

My name _____

Draw. Write what you learned.

I LEARNED THAT SNOWFLAKES...

PREVIEW

Ideas six arms different cold

Our Snowflake Bentley Learning



Date: _____

Dear family of _____,

This week we learned about Wilson Bentley, a farmer who took pictures of snowflakes with a camera and a microscope.

We read a short page, retold his story in order, traced and drew six-armed snowflakes, glued a Six-Arm Snowflake and wrote about it. We learned that most snowflakes have six arms and that no two looked the same. Your child's snowflake is coming home this week.

Try it at home

Talk about today. Then fill in what you noticed together. A child can draw or an adult can write the words.

TODAY THE WEATHER WAS _____

SOMETHING COLD I TOUCHED WAS _____

A SNOWFLAKE HAS THIS MANY ARMS _____

Talk about it

- At dinner: "What did Wilson Bentley use to look at snowflakes? What was he?"
- At bedtime: "How many arms does a snowflake have?"
- Anytime: "Can you draw a snowflake that no one else has?"

Draw a snowflake and send it back to school.

From _____ Questions? _____

PREVIEW