**Unit:** Let’s Investigate Winter

**Theme:** Winter and Snow

**Essential Question:** How can I learn more about things? **Focus Questions:**  How can I learn by observing? How can I use tools to investigate?

**Vocabulary:** compare, observe, tools, senses, problem, solve, winter, snow, icicle investigate, mystery,

**Materials:**

Paper, crayons, pencils, glue, scissors, marker

Winter Walk sheet (attached)

Snow, bowl, spoons

Snowflake patterns- for name game & matching game (attached)

This is Winter! Journal page (attached)

Snowflake Study (attached)

Clothespin, cotton balls

Snowflake Shape (attached)

Math worksheets 12, 14, & 15 (attached)

Cereal or other counters

Letter worksheets: l, i, q (attached)

**Read Alouds to View:**

*Winter Wonderland* by Jill Esbaum [*https://www.youtube.com/watch?v=QKdhgaDI4nY*](https://www.youtube.com/watch?v=QKdhgaDI4nY)

*Snow* by Marion Dane Bauer <https://www.youtube.com/watch?v=Ah0eq5JX5GI>

*I am Snow* by Jean Marzollo <https://www.youtube.com/watch?v=9nXZnS8ikTw>

*Millions of Snowflakes* by Mary McKenna Siddals <https://www.youtube.com/watch?v=AzxkkYNgi2E>

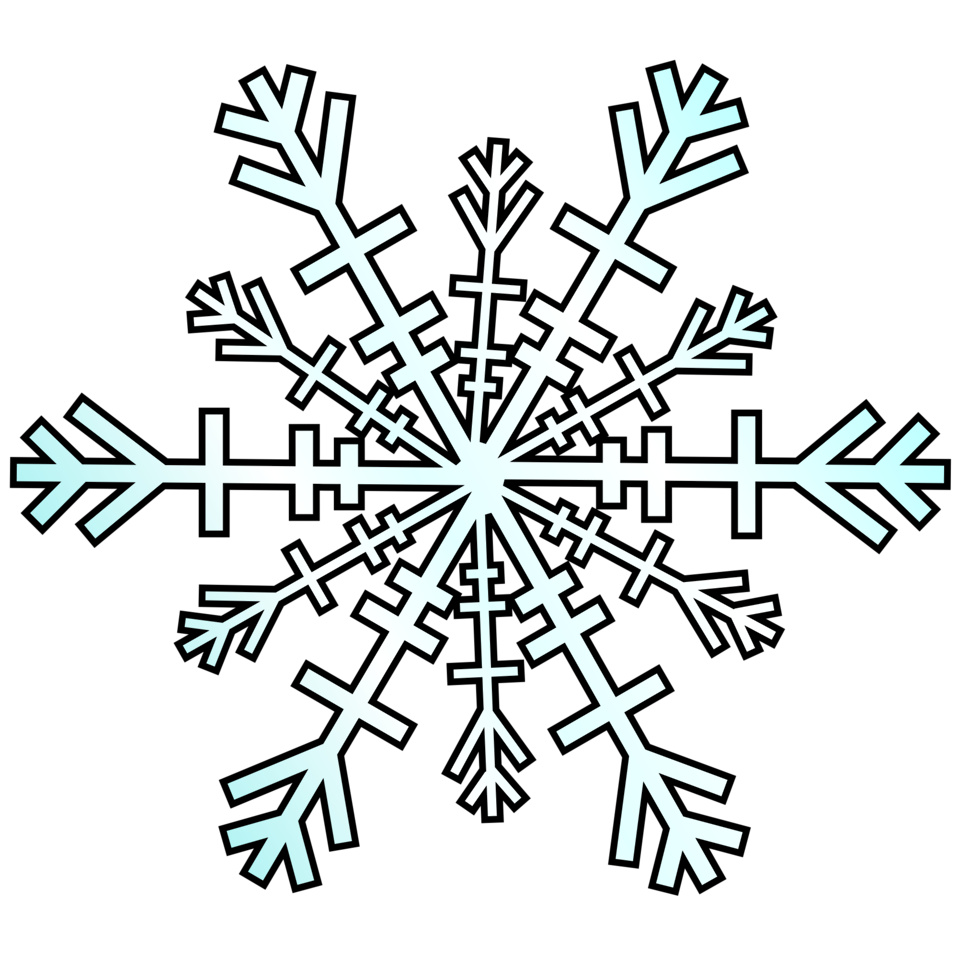
*The Snowy Day* by Anna Milbourne & Elena Temporin <https://www.youtube.com/watch?v=kFhgCpaxOW8&t=3s>

**Questions/Discussion Ideas after Read Alouds:**

\* How do you know it is winter?

\* What do you observe in winter?

\* What happens to snow when it warms up?



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| **At Home Choice Board:**  Choose 2 activities to complete each school day! | | | | |
| Get a bowl of snow from outside (you can also use water or ice)! Use a magnifying glass, scoops, and spoons to observe, explore, and investigate! ASk and answer questions about snow! How does it feel, look, taste, sound, smell? | Create a snowflake using paper and scissors!  <https://www.youtube.com/watch?v=oCuk8E-MhdE> | Take a winter walk. Create a list of things you know about winter! What can you see, hear, smell, taste, and touch? | Use a magnifying glass to look at real snowflakes or see attached “Snowflake Study” sheet. Can you see 6 sides? Why do the snowflakes look so big? | Learn about the letters l, i, and u:  <https://www.youtube.com/watch?v=hYqkCVqUHbk>  <https://www.youtube.com/watch?v=1ZEqHJUUyQk>  <https://www.youtube.com/watch?v=f4seEeExvVs> |
| Use the snowflake patterns attached. Write one letter of your child’s name on each snowflake. Cut them out and have your child put the letters in the correct order! | Practice fine motor skills! Use a clothespin to grab a cotton ball and place it on a dish or cup! Count them as you go! | Practice writing the letters l, i, and u (attached practice pages) | Learn about snowflakes: <https://www.youtube.com/watch?v=-M48RfaWcWA> Then, use blue, gray, and white paper scraps to cover the snowflake shape (attached). | Learn about icicles here: <https://www.youtube.com/watch?v=eLBi0iCP1zg>  Then practice scissor skills! Use a marker to draw zig zags across paper. Cut on the lines to make icicles! |
| Practice counting to 8!  <https://www.youtube.com/watch?v=n8COZPpQWgQ> | Practice counting to 8 and make an octopus- count to 8 using cereal for counters on its tentacles (attached) | Practice counting to 8- use the nest worksheet (attached) and draw eggs and chicks! | Play a matching game with the snowflake cards (attached) | Practice counting to 8 using the Ansel Ant & Spencer Spider worksheet (attached). |

**Unit:** Let’s Investigate Winter

**Theme:** Winter Fun

**Essential Question:** How can I learn more about things? **Focus Questions:**  How can I learn by observing? How can I use tools to investigate? How do objects move?

**Vocabulary:** compare, observe, tools, senses, problem, solve, winter, snow, icicle, investigate, mystery,

**Materials:**

Paper, crayons, pencils, glue, scissors, marker

*Hot Cocoa game* (attached), mini marshmallows

Hot Chocolate Tasting (attached), hot cocoa packet and water

Snowball fight template (attached)

In Winter journal page (attached)

Snowman Game (attached)

Math worksheets #16 & 17 (attached)

Inside Snowmen (attached)

Letters t, f, e (attached)

**Read Alouds to View:**

*Sadie and the Snowman* by Allen Morgan <https://www.youtube.com/watch?v=6lWTmSF_Ak4>

*Let it Snow* by Maryann Cocca-Leffler <https://www.youtube.com/watch?v=vIBYIRtIIfE>

*Snowballs* by Lois Ehlert <https://www.youtube.com/watch?v=-YT-VgNxv98>

*The Snowy Day* by Ezra Jack Keats <https://www.youtube.com/watch?v=FmZCQfeWjeQ>

*Snowmen at Night*  by Caralyn Buehner <https://www.youtube.com/watch?v=61cTUGHHlCQ>

**Questions/Discussion Ideas after Read Alouds:**

\* What can you do in winter?

\* What are things you can do inside and outside?

\* What is your favorite thing to do?

\* Review your child’s full name, age, birthday, and address!



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| **At Home Choice Board:**  Choose 2 activities to complete each school day! | | | | |
| Practice counting 8, then breaking 8 into smaller parts.  Use Math Worksheet #16 as a guide. | Play a snowman game. Hide a penny under one snowman. Tell your child to solve the mystery of which snowman has the penny. You give clues to them (under the snowman with no mittens, etc). | On a snowy day, make tracks in the snow. Walk with your feet in different patterns and directions. Talk about your tracks in comparison to your child’s . | Practice writing the letters t, f, and e- see attached practice pages.  AND:  Write your name. Use crayons in different shades of blue! | Learn about the letters t, e, and f  <https://www.youtube.com/watch?v=nj2zXZAIsHk>  <https://www.youtube.com/watch?v=RiDUvOMm4pQ>  <https://www.youtube.com/watch?v=rOKQgYyIfv0> |
| Build an indoor snowman (see attached for ideas if you need them)! | Practice counting:  <https://www.youtube.com/watch?v=8qYj3Zh4PJA> | Check out how some winter vehicles move:  <https://www.youtube.com/watch?v=6SZwShdOGlU>  <https://www.youtube.com/watch?v=yPC-kdaqZwk>  <https://www.youtube.com/watch?v=5oa8P3HJhYw> | Practice counting mini marshmallows. Count 8, break into smaller groups, then recount. Count in a circle as well. Extra practice is on Math Worksheet #17 | Review letters and sound with winter words::  <https://www.youtube.com/watch?v=ljogrWPaKAo> |
| Discuss what you can do in winter. Pick your favorite. Draw a picture of it on the In winter journal page. | Practice showing the numbers 6 & 7:  <https://www.youtube.com/watch?v=anYJvL9kZoU>  <https://www.youtube.com/watch?v=PfEqSjgW4tk> | Practice recognizing numerals and counting with the hot chocolate game (attached) | Pretend you are a snowflake as you listen and dance:  <https://www.youtube.com/watch?v=TDJIhayM9dw> | Make hot chocolate. Talk about the tools you used to make it, and what it tastes, smells, feels, sounds, and looks like! |

**Unit:** Let’s Investigate Winter

**Theme:** Winter Clothing

**Essential Question:** How can I learn more about things? **Focus Questions:**  How can I compare things?

**Vocabulary:** compare, observe, problem, solve, winter, snow, snowsuit, boots, mitten, scarf, investigate

**Materials:**

Paper, crayons, pencils, glue, scissors, markers

*In winter, I wear...* journal page (attached)

Math Lesson #24 worksheet (attached)

Clothing sort worksheets (attached)

Letters o, a , and d practice pages ((attached)

Hat template

Watercolor paints

Mitten game (attached)

Playdough

Hot/Cold worksheet (attached)

**Read Alouds to View:**

*The Jacket I Wear in the Snow by Shirley Neitzel* [*https://www.youtube.com/watch?v=mTYyPNPflBg*](https://www.youtube.com/watch?v=mTYyPNPflBg)

*One Mitten* by Kristine O’Connell George <https://www.youtube.com/watch?v=_adc9ZCYKAs>

*Under my Hood, I Have a Hat* by Karla Kuskin <https://www.youtube.com/watch?v=KiOylehOQdQ>

# *The Mitten* by Jan Brett <https://www.youtube.com/watch?v=uVdHH-hGBQw>

*Froggy Gets Dressed* by Jonathon London <https://www.youtube.com/watch?v=UveFBZ6Nn-c>

**Questions/Discussion Ideas after Read Alouds:**

\* What do people wear in the winter? Why?  
\* What would happen if we did not dress warmly?

\* Who has the biggest boot in your house? The longest scarf?

\* How does your hat feel? What does it look like?



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| **At Home Choice Board:**  Choose 2 activities to complete each school day! | | | | |
| Learn about the letters o, a, and d:  <https://www.youtube.com/watch?v=Xy7ALEnYsvE>  <https://www.youtube.com/watch?v=jPABwdH2Dqk>  <https://www.youtube.com/watch?v=VFOhxMZSMwc> | Draw a picture of how you should dress in winter!  Use the *In winter, I wear* journal page. | Sort winter clothing using worksheets: | Practice writing the letters o, a, and d- see attached practice pages | Sing about what to wear in the cold weather!  <https://www.youtube.com/watch?v=CULyz139rIk> |
| Practice getting dressed to play in the snow. Let your child try to zip, snap, put on everything! | Make a hat. (see attached) | Practice naming numerals and counting in the mutton game (attached): | Practice writing your name in shaving cream. Spray a small amount on a plate and have child write their names in it! | Bring a bucket of snow in (or play outside). Try using different gloves or mittens, Compare them- which kept your hands warmest? |
| Enjoy some dressing songs & stories:  <https://www.youtube.com/watch?v=_8RsrLQ3NhQ> | Review colors with this story:  <https://www.youtube.com/watch?v=jI-5-p5N38c> | Review hot/cold with the attached sheet: | Complete Math Lesson 24 worksheet. | Use the attached pictures to help retell the story of The Mitten. Talk about big/small, order animals by size. |

**Unit:** Let’s Investigate Winter

**Theme:**  What do animals do during the winter?

**Essential Question:** How can I learn more about things? **Focus Questions:**  How can I learn by observing? How can I compare things?

**Vocabulary:** compare, observe, hibernate, migrate, den, winter, snow, investigate,

**Materials:**

Paper, crayons, pencils, glue, scissors, markers

*Animals in Winter* journal page (attached)

Math Lessons #26 & 27 worksheets (attached)

Letters q, c, and s practice pages (attached)

Empty toilet paper tube

Bird seed

Peanut butter

String

Animals in Winter animal picture cards (attached)

**Read Alouds to View:**

# *Snack, Snooze and Skedaddle* by Laura Purdie Salars <https://www.youtube.com/watch?v=vfDjceTbuE4>

*Don’t Wake the Bear* by Marjorie Denniw Murray <https://www.youtube.com/watch?v=5q-ReCPd-RE>

*Time to Sleep* by Denise Fleming <https://www.youtube.com/watch?v=LFmhMt7JDZ0>

*Why Do Animals Hibernate?* by David Martin[*https://www.youtube.com/watch?v=AHclJXhj6DQ*](https://www.youtube.com/watch?v=AHclJXhj6DQ)

# All About Animals in Winter by Martha E. H. Rustad <https://www.youtube.com/watch?v=59Zau1gMahA>

**Questions/Discussion Ideas after Read Alouds:**

\* How do you stay warm when it gets cold and snows?

\*How do you think animals stay safe in winter? After reading, did you learn anything?

\*Would you rather hibernate, adapt, or migrate if you were an animal? Why?

\*Pick two animals that spend winter in similar ways. How are they the same? How are they different?



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| **At Home Choice Board:**  Choose 2 activities to complete each school day! | | | | |
| Practice writing the letters q, c, and s- see attached practice pages | Learn about the letters q, c, and s:  <https://www.youtube.com/watch?v=m6NkGVfj_L8>  <https://www.youtube.com/watch?v=8uLPe4tAkbk>  <https://www.youtube.com/watch?v=Dyf1nG78tDg> | Practice counting with the worksheets #26 (attached) | Learn about animals in winter  <https://www.youtube.com/watch?v=0N7FGPeykfE>  <https://www.youtube.com/watch?v=HRipSQPgzuw> | Use playdough and form the letters in your name! |
| Get moving with this fun song:    <https://www.youtube.com/watch?v=uBYNtMyN_6E> | Build a blanket fort and pretend it is a den and you are hibernating bears! | Learn about animals on winter with the song:  <https://www.youtube.com/watch?v=tIKOFNCkxmQ> | Make an easy bird feeder! Tie string to an empty toilet paper tube, spread peanut butter on it, then roll in bird seed! | Practice counting in circular arrangements with the worksheet #27 (attached)  <https://www.youtube.com/watch?v=DR-cfDsHCGA> |
| Use the attached Animals in Winter animal cards to sort animals that hibernate, migrate, or adapt in winter! | Roll a die. Have your child identify how many dots are shown. Have them complete a movement for the amount (4 push ups, 3 sit ups, etc) | Practice stating personal information (full name, address, birthday, caregiver name(s), phone number). | Review shapes and colors with a game of “I Spy.” | Draw a picture of animals in winter and state what they do to keep safe (attached). |

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| **MY COMMUNITY READING LOG**  **Read a story EVERY DAY!!** Draw a star or smiley face or place a sticker on the date when done! | | | | | | |
| **January** | | | | | | |
|  |  |  |  |  | **1** | **2** |
| **3** | **4** | **5** | **6** | **7** | **8** | **9** |
| **10** | **11** | **12** | **13** | **14** | **15** | **16** |
| **17** | **18** | **19** | **20** | **21** | **22** | **23** |
| **24** | **25** | **26** | **27** | **28** | **29** | **30** |
| **31** |  |  |  |  |  |  |

**Math Lessons:**

\*\*\*Click on the links below to see full lessons and activities to support the skills.\*\*

Week 1:

<https://www.engageny.org/resource/prekindergarten-mathematics-module-3-topic-c-lesson-12>

<https://www.engageny.org/resource/prekindergarten-mathematics-module-3-topic-c-lesson-13>

<https://www.engageny.org/resource/prekindergarten-mathematics-module-3-topic-c-lesson-14>

<https://www.engageny.org/resource/prekindergarten-mathematics-module-3-topic-c-lesson-15>

Week 2:

<https://www.engageny.org/resource/prekindergarten-mathematics-module-3-topic-d-lesson-16>

<https://www.engageny.org/resource/prekindergarten-mathematics-module-3-topic-d-lesson-17>

<https://www.engageny.org/resource/prekindergarten-mathematics-module-3-topic-d-lesson-18>

<https://www.engageny.org/resource/prekindergarten-mathematics-module-3-topic-d-lesson-19>

<https://www.engageny.org/resource/prekindergarten-mathematics-module-3-topic-d-lesson-20>

Week 3:

<https://www.engageny.org/resource/prekindergarten-mathematics-module-3-topic-e-lesson-21>

<https://www.engageny.org/resource/prekindergarten-mathematics-module-3-topic-e-lesson-22>

<https://www.engageny.org/resource/prekindergarten-mathematics-module-3-topic-e-lesson-23>

<https://www.engageny.org/resource/prekindergarten-mathematics-module-3-topic-e-lesson-24>

<https://www.engageny.org/resource/prekindergarten-mathematics-module-3-topic-e-lesson-25>

Week 4:

<https://www.engageny.org/resource/prekindergarten-mathematics-module-3-topic-f-lesson-26>

<https://www.engageny.org/resource/prekindergarten-mathematics-module-3-topic-f-lesson-27>

<https://www.engageny.org/resource/prekindergarten-mathematics-module-3-topic-f-lesson-28>

<https://www.engageny.org/resource/prekindergarten-mathematics-module-3-topic-f-lesson-29>

<https://www.engageny.org/resource/prekindergarten-mathematics-module-3-topic-f-lesson-30>