







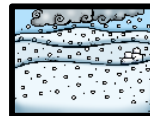



# *the science of* **JANUARY**

## **MONTHLY LESSON PLANS**

*Thematic Science Activities For*  
**SNOW, WINTER,  
ICE, & ANIMALS**

By Cara Carroll & Abby Mullins

# January At-a-Glance

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
 <b>INTRO TO SNOW</b> 	Vocabulary: snow, blizzard, precipitation, ice crystal, condensation, snow drift, water vapor, melt		Science Skills: Matter & Energy; Earth & Space; Scientific Investigation & Reasoning		
	Literacy Skills: Compare/Contrast; Comprehension; Fact & Opinion; Writing		Math Skills: graphing, analyzing data; addition; comparing numbers; shapes		
	Suggested Books: Snow (Weather Basics); Snow is Falling; No Two Snowflakes; The Story of Snow; The Snow Show; Curious About Snow?; Snow				
 <b>SNOW &amp; ICE</b> 	Vocabulary: ice; ice storm; freezing rain; freezing point; frost; icicle; frozen		Science Skills: 5 Senses; Matter & Energy; Earth & Space; Force/Motion/Energy; Scientific Investigation & Reasoning		
	Literacy Skills: Compare/Contrast; Comprehension; Nonfiction Text features; Infer/Predict; Schema; Questioning;			Math Skills: addition; comparing numbers; place value	
	Suggested Books: Ice is Nice; Ice Storms; National Geographic Kids Everything Weather				
 <b>ALL ABOUT WINTER</b> 	Vocabulary: freezing; wind chill; seasons; temperature; frostbite; hypothermia; winter; cold		Science Skills: 5 Senses; Matter & Energy; Earth & Space; Scientific Investigation & Reasoning		
	Literacy Skills: Compare/Contrast; Comprehension; Schema; Cause & Effect; Fact & Opinion; Infer; Adjectives; Text-to-Self			Math Skills: addition; comparing numbers; place value;; graphing/surveys; odd/even	
	Suggested Books: Winter Wonderland (National Geographic); The Reasons for Seasons; Froggy Gets Dressed; The Missing Mitten Mystery; The Mitten; Winter is the Warmest Season				
 <b>ANIMALS in the WINTER</b> 	Vocabulary: hibernate; migrate; adapt; burrow; den; dormant; survive; cold-blooded;		Science Skills: 5 Senses; Organisms & Environment; Matter & Energy; Earth & Space; Scientific Investigation & Reasoning		
	Literacy Skills: Compare/Contrast; Comprehension; Schema; Synonym/Antonym; Infer; Text-to-Self		Math Skills: addition/subtraction; comparing numbers; place value; addition; graphing; odd/even; place value		
	Suggested Books: Over & Under; When It Starts to Snow; In the Snow: Who's Been Here?; Hibernation Station; Goodnight, Grizzle Grump!				

Notes & Reminders




















- Send home material donation parent letter on week 3 (for week 4)



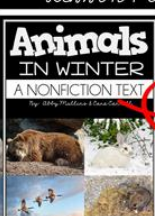



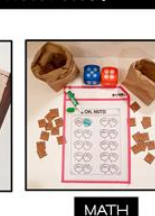










# Winter Lesson Plans

<b>WEEK 3 - Nonfiction Winter Book</b>  <b>IN WINTER</b> <b>WHAT IS WINTER?</b> 7 pages Print on or project this nonfiction text during whole group shared reading.	<b>Week THREE, Day 1 Lesson Plan Activities</b>  <b>Anchor Chart</b>  <b>Winter Facts Writing Craftivity</b>	<b>Week THREE, Day 1 Extension Activities</b>  <b>MATH</b>  <b>ELA</b>  <b>Vocabulary</b>	<b>Week THREE, Day 2 Lesson Plan Activities</b>  <b>Hot or Cold?</b>  <b>Experiment</b> <b>Vocabulary</b>	<b>Week THREE, Day 2 Extension Activities</b>  <b>Math or ELA</b>  <b>ELA</b>
<b>Week THREE, Day 3 Lesson Plan Activities</b>  <b>Vocabulary</b>  <b>Science Notebook</b>	<b>Week THREE, Day 3 Extension Activities</b>  <b>MATH</b>  <b>ELA</b>	<b>Week THREE, Day 4 Lesson Plan</b>  <b>Vocabulary</b>  <b>Experiment</b>	<b>Week THREE, Day 4 ELA Extension Activity</b>  <b>Winter Words</b>  <b>Winter Words</b>	<b>Week THREE, Day 5 Vocabulary Comprehension Check</b>  <b>Differentiated Comprehension Checks for Assessing Multiple Levels</b>

# Animals in Winter Lesson Plans

<b>Week 4 - Nonfiction Animals in Winter Book</b>  <b>Animals IN WINTER</b> <b>A NONFICTION TEXT</b> 10 pages Print on or project this nonfiction text during whole group shared reading.	<b>Week FOUR, Day 1 Lesson Plan Activities</b>  <b>Animals IN WINTER</b> <b>A NONFICTION TEXT</b> 10 pages  <b>KWL CRAFTIVITY</b>	<b>Week FOUR, Day 1 Extension Activities</b>  <b>MATH</b>  <b>ELA</b>	<b>Week FOUR, Day 2 Lesson Plan Activities</b>  <b>HIBERNATE OR MIGRATE?</b>  <b>ANIMAL SORTING</b>  <b>Vocabulary</b>  <b>HIBERNATION FACT FLIP BOOK CRAFTIVITY</b>	<b>Week FOUR, Day 3 Extension Activities</b>  <b>ELA</b>  <b>MATH</b>
<b>Week FOUR, Day 3 Lesson Plan Activities</b>  <b>Vocabulary</b>  <b>Experiment</b>	<b>Week FOUR, Day 4 Lesson Plan Activities</b>  <b>ELA</b>  <b>ELA</b>	<b>Week FOUR, Day 4 Lesson Plan Activities</b>  <b>Vocabulary</b>  <b>ANIMAL FACTS</b>	<b>Week FOUR, Day 5 Lesson Plan Activities</b>  <b>Experiment</b>  <b>HANDS-ON ENGINEERING</b>  <b>Vocabulary</b>	<b>Week FOUR, Day 5 Snuggle Snump Text-to-Self</b>  <b>Goodnight, Grizzle Grump!</b>  <b>Snuggle Snump</b>