



Winter in the Woods

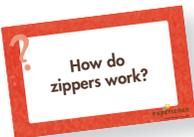
WEEK 1 FOREST ANIMALS

STEAM STATION	YOUR SUPPLIES	BIG QUESTION AND INSPIRATION PHOTOS	TEACHER TIPS
LESSON 1 Deer Course <small>PD 1 Gross Motor SS 3 Geography</small>	Cones Boxes Ropes		Encourage children to create an obstacle course then pretend to be deer moving through it.
LESSON 2 Prickly Hedgehogs <small>PD 3 Safety PD 2 Fine Motor</small>	Playdough Toothpicks Sticks Wiggle eyes	 	Set out all supplies and invite children to create different sizes and shapes of hedgehogs.
LESSON 3 Bear Den <small>SCI 2 Natural & Earth Science CA 4 Drama</small>	Boxes Pillows Blankets Building materials Bear books (optional)	 	Invite children to use the materials to construct a bear den.
LESSON 4 Mouse Houses <small>SCI 2 Natural & Earth Science MR 7 Logic & Reasoning</small>	Bin of sand Nature items Cardboard tubes Pompoms or toy mice	 	Set out a bin filled with sand and other nature items. Put cardboard tubes and pompoms or toy mice in the sand. Invite children to dig holes and build trails in the sand for the mice to live in and play.
LESSON 5 Owl's Nest <small>SCI 2 Natural & Earth Science MR 7 Logic & Reasoning</small>	Box Nature items	 	Set out a box with a hole cut into the side, sticks, leaves and other nature items. Invite children to problem-solve ways to arrange the items to make a cozy owl's nest.

WEEK 2 WOODLANDS

LESSON 6 Tree-Trimming Station <small>PD 2 Fine Motor SCI 2 Natural & Earth Science</small>	Bin Pine tree branches Scissors	 	Set out a bin filled with pine tree branches. Encourage children to explore trimming the branches with scissors.
LESSON 7 Falling Flakes <small>PD 2 Fine Motor CA 3 Visual Arts</small>	Paper Pipecleaners Scissors Hole punch String Glue	 	Set out paper, pipecleaners, string, glue, hole punch and scissors for children to explore creating snowflakes. When they are done, help children display the snowflakes.
LESSON 8 Pinecone Hunt <small>SCI 2 Natural & Earth Science PD 1 Gross Motor</small>	Pinecones		Hide pinecones up high and on the ground in the outside area. Encourage children to find them and jump, reach and crawl to gather them.
LESSON 9 Frozen Objects <small>SCI 2 Natural & Earth Science MR 7 Logic & Reasoning</small>	Containers Water Small items Tray		Place small items in containers of water then freeze overnight. Set the separate frozen pieces on a tray and encourage children to explore removing the items frozen inside.
LESSON 10 Building a Snowman <small>CA 4 Drama SED 4 Social Relationships</small>	Boxes White butcher paper Bottle caps Felt Clothes & accessories	 	Wrap a variety of boxes with white paper. Set out a variety of dress-up items and invite children to build a snowman then dress him as desired.

WEEK 3 WINTER GEAR

STEAM STATION	YOUR SUPPLIES	BIG QUESTION AND INSPIRATION PHOTOS	TEACHER TIPS
LESSON 11 Mitten Challenge <small>MR 7 Logic & Reasoning PD 2 Fine Motor</small>	Mittens, gloves, mitts Building materials (blocks, boxes)		Set out a variety of mittens, gloves and oven mitts in the block area. Provide a variety of building materials and encourage children to wear something on their hands as they build.
LESSON 12 Snow Balance <small>SCI 1 Investigation & Inquiry LLD 2 Communication</small>	Bowl or bin Shaving cream Paper Blocks Nature items Paper plates	 	Set out a bowl, small paper plates and a bin filled with shaving cream. Invite children to explore placing items of different sizes and weights on the shaving cream. What happens if you put a plate on the shaving cream and then the object on the plate?
LESSON 13 Ramps & Rolling <small>SCI 3 Physical Science MR 7 Logic & Reasoning</small>	Blocks Balls Connecting cubes Cardboard pieces	 	Set out various materials and encourage children to build different ramps then test them out by rolling and sliding blocks, cubes or balls down them.
LESSON 14 Zip Up <small>SCI 2 Natural & Earth Science SCI 4 Technology</small>	Clothes/accessories with fasteners Zippers Stuffed animals (optional)	 	Set out clothes and accessories with snaps or zippers for children to explore. Gather zippers from a fabric store to add to the discovery table.
LESSON 15 Weaving Wool <small>PD 2 Fine Motor CA 3 Visual Arts</small>	Yarn Fabric, old t-shirts Scissors	 	Create a weaving board and thread yarn or fabric strips in and out of the strings.

WEEK 4 WINTER LIVING

LESSON 16 Chopping & Planting a Forest <small>SED 3 Attention & Persistence MR 4 Measurement</small>	Cardboard tubes Blocks Craft sticks	 	Set out the materials and encourage children to pretend they are lumberjacks and chop “trees” down.
LESSON 17 Noodle House <small>MR 7 Logic & Reasoning SED 3 Attention & Persistence</small>	Tube pasta Sticks Blocks	 	Set out any tube-like dried pasta with sticks and blocks. Encourage children to explore different ways to stack and arrange the “logs” to build cabins or other structures.
LESSON 18 Log Rolling <small>SCI 1 Investigation & Inquiry PD 2 Fine Motor</small>	Playdough Craft sticks Toothpicks	 	Set out materials and invite children to explore creating wood grain patterns in the dough. Then encourage them to experiment with chopping and stacking.
LESSON 19 Cooking in Nature <small>SCI 3 Physical Science CA 4 Drama</small>	Bowls Nature items Kitchen utensils		Set out bowls of nature items with kitchen utensils and encourage children to pretend to measure, stir and cook.
LESSON 20 Blankets for Friends <small>CA 4 Drama SED 4 Social Relationships</small>	Washcloths Fabric Paper towels Figurines/stuffed animals Blocks/boxes (optional)	 	Invite children to create beds or sleeping environments for toy figurines or stuffed animals.



**Can you move
like a deer?**



**Why do you
think hedgehogs
have quills?**



**What is inside
a bear den?**



**Can you build
a mouse burrow?**



**Can you build
an owl habitat?**



**Can you trim
the branches?**



**Can you create
a snowflake?**



**Where can you
find a pinecone?**



**How can you
melt ice?**



**Can you build
a snowman?**



**Can you build
something while
wearing mittens?**



**What sinks
in snow?**



**What rolls?
What does
not roll?**



**How do
zippers work?**



Can you weave?



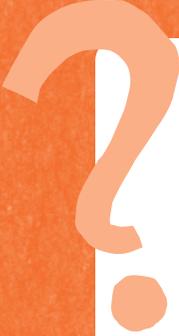
**Can you build
and chop down
a tree?**



**Can you build
a cabin?**



**Can you roll, chop
and stack logs?**



**Can you make
nature soup?**



**Can you make
a bed?**




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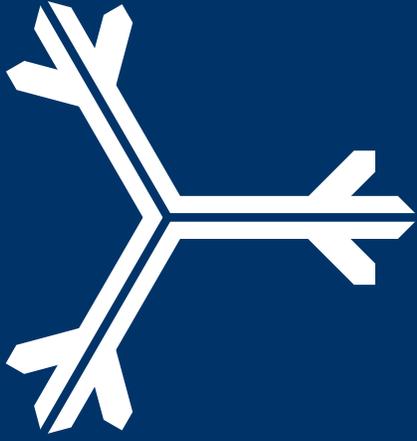


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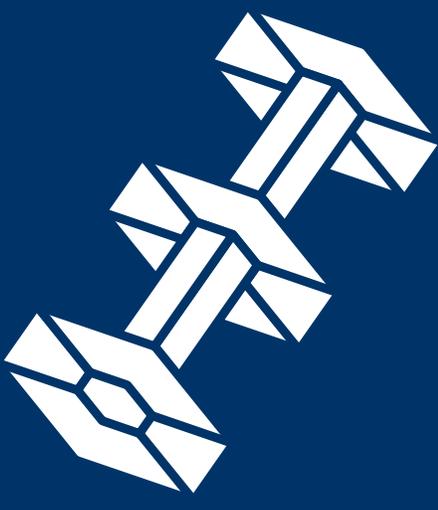
Types of Snowflakes



Hexagonal Plates



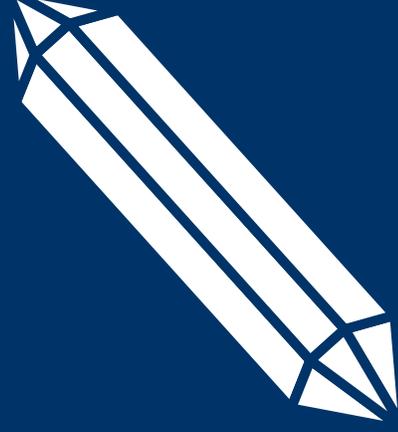
Triangular



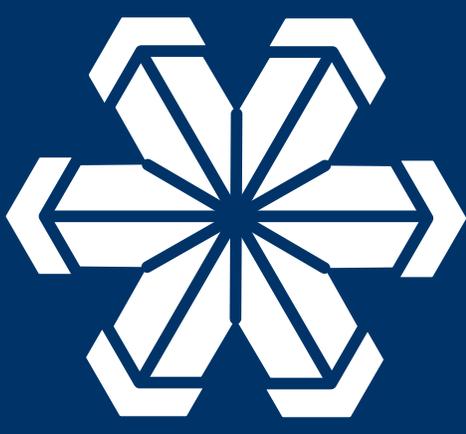
Capped Column



Stellar Dendrites



Column



Stellar Plates






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Cones



Boxes



Ropes



Playdough



Toothpicks



Sticks



Wiggle Eyes



Pillows



Blankets



Building Materials



Books



Sand



Cardboard Tubes



Pompoms



Toy Mice



Nature Items



Bins



Pine Branches



Scissors



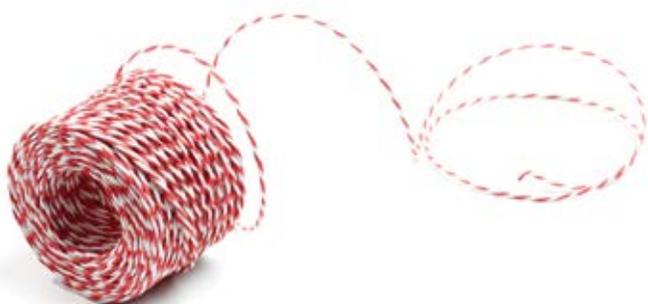
Paper



Pipecleaners



Hole Punches



String



Glue



Pinecones



Containers



Water



Small Items



Trays



Bottle Caps



Felt



Clothes & Accessories



Mittens & Gloves



Bowls



Shaving Cream



Paper Plates



Blocks



Cardboard



Connecting Cubes



Balls



Zippers



Stuffed Toys



Yarn



Fabric



Craft Sticks



Pasta



Kitchen Utensils



Washcloths



Paper Towel



Animal Figurines

