



**STEAM JANUARY LESSON PLANS**

Teachers: Ms. Windy and Ms. Jess

	1/5 Let's Explore: Winter STEAM	1/12 Shape Up	1/19 Finding Fun in Fairy Tales: Three Billy Goats Gruff	1/26 The Amazing Cardboard Challenge
<b>WELCOME CIRCLE</b>	Pledge, Calendar, Weather, Forms of Water	Pledge, Calendar, Weather	Pledge, Calendar, Weather	Pledge, Calendar, Weather
<b>STORY</b>	<i>How Big is a Million?</i> Anna Milbourne	<i>Perfect Square</i> Michael Hall	<i>Three Billy Goats Gruff</i>	<i>Not a Box/What to do with a Box</i>
<b>SMALL GROUP</b>	Bottle Crush with Ms. Jess	Chrome Book Simple Machines Game with Miss Jess	Chrome Book Simple Machines Game with Miss Jess	Stop Motion Videos
<b>CENTERS</b>	<ul style="list-style-type: none"> <li>○ forms of water exploration</li> <li>○ sensory: no melt snow</li> <li>○ snowstorm in a jar</li> <li>○ snowball math</li> <li>○ engineering a snowman</li> </ul>	<ul style="list-style-type: none"> <li>○ build a cube</li> <li>○ patterning with blocks</li> <li>○ spin and build</li> <li>○ shape mats with play dough</li> <li>○ shape painting</li> <li>○ shape collage</li> </ul>	<ul style="list-style-type: none"> <li>○ bridge building 101</li> <li>○ which shape is strongest?</li> <li>○ can you build a bridge over the river down the middle of the room?</li> </ul>	<ul style="list-style-type: none"> <li>○ attachment techniques</li> <li>○ cardboard house construction</li> <li>○ pom pom drop</li> <li>○ kinetic mobile</li> </ul>
<b>STEAM CHALLENGE</b>	Can You build an ice castle or igloo?	Can you build a 3-D castle structure from flat shapes?	Can you float a goat?	What can you build with a box? Can you make a robot? A chair?
<b>GROSS MOTOR</b>	Bundle Up as we head outside to make and explore frozen bubbles	Making shapes with our body	Playground obstacle course with bridge building	Extra Recess on Playground
<b>CLOSING</b>	<i>Story: There as an Old Lady Who Swallowed some Snow</i> Lucille Colandro	<i>Story: Shape by Shape</i>	Class Graph—which is your favorite bridge?	Class Graph—which seeds did you like best?
<b>SPIRITUAL</b>	Patience Snack Blessing			
<b>NOTES &amp; REMINDERS</b>		Bring in a cardboard box from home for 1/26	Bring in a cardboard box from home for 1/26	