



**STEAM FEBRUARY LESSON PLANS**

Teachers: Ms. Windy and Ms. Jess

	2/1 Let's make a HYPOTHESIS	2/8 Let's Explore: Winter STEAM	2/15 Winging It!	2/22 Finding Fun in Fairy Tales: Rapunzel
<b>WELCOME CIRCLE</b>	Pledge, Calendar, Weather	Pledge, Calendar, Weather, Forms of Water	Pledge, Calendar, Weather	Pledge, Calendar, Weather
<b>STORY</b>	<i>11 Experiments That Failed</i> , by Jenny Offill	<i>How Big is a Million?</i> Anna Milbourne	<i>Violet the Pilot</i> , by Steve Breen	<i>Rapunzel</i> , Brothers Grimm
<b>SMALL GROUP</b>	Chrome Book with Miss Jess	Make a snowstorm in a jar with Ms. Jess	Stop Motion Videos with Ms. Windy	Stop Motion Video with Ms. Windy
<b>CENTERS</b>	<ul style="list-style-type: none"> <li>o oil and water painting</li> <li>o soda explosion</li> <li>o marbled milk</li> <li>o wax paper resist</li> </ul>	<ul style="list-style-type: none"> <li>o forms of water exploration</li> <li>o sensory: no melt snow</li> <li>o snowball math</li> </ul>	<ul style="list-style-type: none"> <li>o paper plane assembly line</li> <li>o measure the distance</li> <li>o track the time in air</li> </ul>	<ul style="list-style-type: none"> <li>o Tower Math</li> <li>o Tower Building</li> <li>o Ladder Making</li> </ul>
<b>STEAM CHALLENGE</b>	Can you sink a marshmallow?	Can you build an ice castle or igloo?	<b>Design Your Plane Challenge</b> Who can make a plane that flies the furthest? That carries the most cargo?	Can you help Rapunzel escape?
<b>GROSS MOTOR</b>	Extra Recess on Playground	Bundle up as we head outside to explore in the cold	Playground obstacle course	Extra Recess on Playground
<b>CLOSING</b>	Class Graph— What will happen?	<i>Story: There as an Old Lady Who Swallowed some Snow</i> Lucille Colandro	<i>Story: The Almost Impossible Thing</i> , by Basak Agaoglu	Class Graph: What will happen next?
<b>SPIRITUAL</b>	Kindness Snack Blessing			
<b>NOTES &amp; REMINDERS</b>	Bring in a recycled glass jar + its lid (sm. baby food container, pickle jar, jelly jar, etc)			