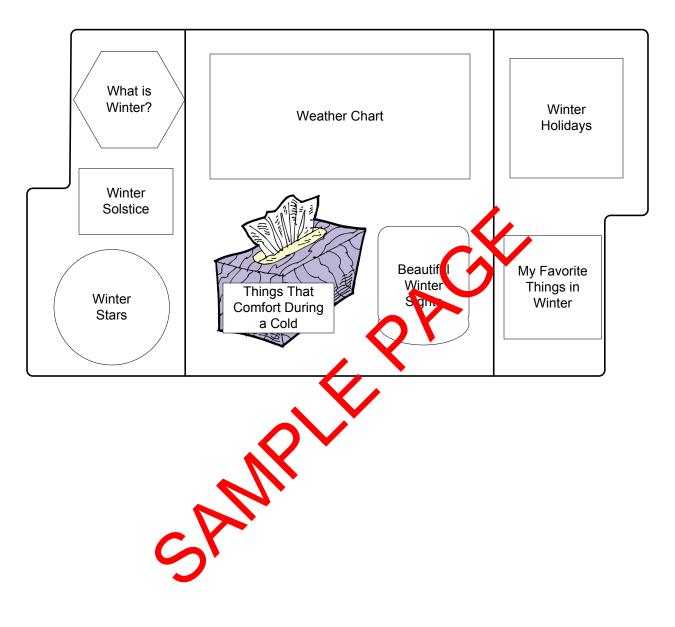
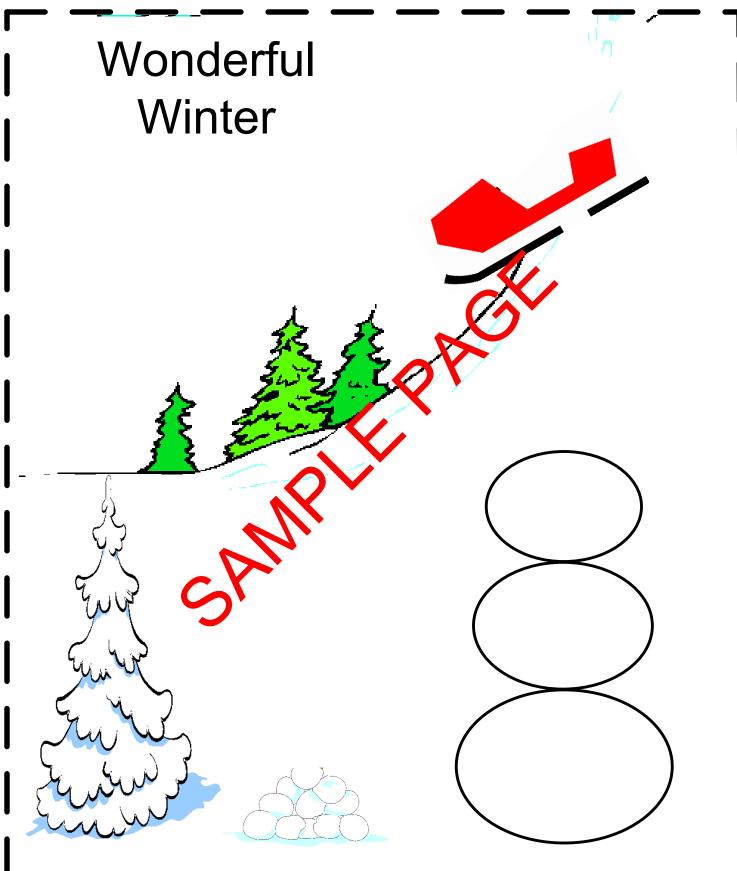


## **Booklet Placement Guide**



Cut on the dotted line and glue onto the front of your lapbook. Complete the winter scene by drawing in and coloring things to go in the picture. Don't forget to complete the snowman!



## Winter Miscellanous

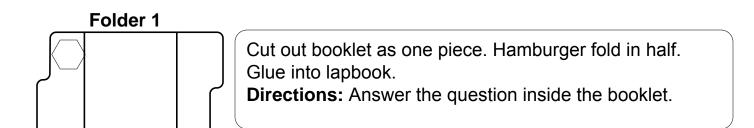
Winter is one of the four seasons. It is the season with shortest daylight hours and the coldest of temperatures. The first signs of winter begin on the solstice and ends on the equinox. January, February and March are the months of winter.

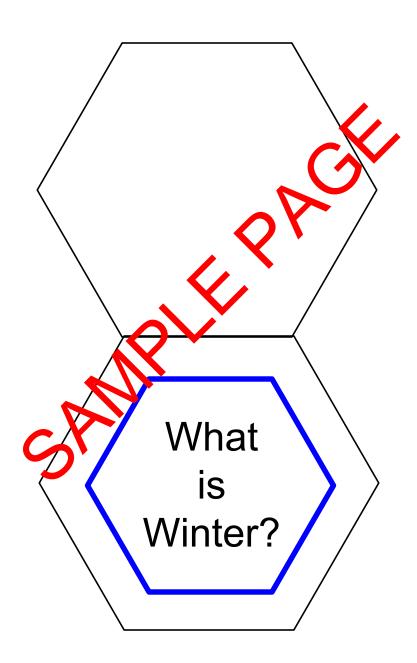
The Winter Solstice marks the shortest day of the year. The word Solstice is Latin. It is made up of the two words sol(sun) and sistere (to stand still). So the words' meaning is "when the sun stands still in the winter." It usually occurs around the middle of December. At that point, the days will begin to grow longer again. Winter Solstice occurs when the sun reaches the southern-most point in relation to the earth. Depending on the shift of the calendar, the event of the winter solstice occurs somewhere between December 20 and December 28 each year in the northern hemisphere.

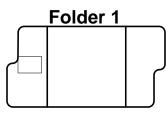
The winter season offers us many spectacular views of constellations and the outer edge of the galaxy. The sky of winter is dark and deep. This makes the stars appear farther away. It is almost as if you can see in infinity. The brightest winter stars are Sirius, Procyon, Rigel, Betelgeuse, Castor, and Pollux. Orion, the Hunter, of Greek legend is a great constellation. Its belt shines from east to west with the bright stars of Alnitak, Annan, and Mintaka are shining bright in a row. Two other stars in this constellation are Rigel and Betelgeuse.

Winter is the time of year where we start to feel a real change in the weather. We know that winter is arriving by the drop in temperature. The instrument used is called a thermometer Temperature is measured in degrees on the Fahrenheit, Celsius, and Kelvin scales. The Fahrenheit scale is named after Daniel Fahrenheit (1686–1736), a German physicist who proposed it in 1724. The scale labels the freezing point of water at 32 degrees Fahrenheit (°F) and the boiling point of water at 212 °F. The distance between these two points is exactly 180 degrees. On the Celsius scale, the two points of water are 100 degrees apart. The United States is the only country that uses the Fahrenheit scale. The rest of the world uses the Celsius and Kelvin scales.

Many people believe that the colder the weather, the sicker we can become. However, scientists have proven this false. There is no scientific relationship between being cold and wet and being more susceptible to catching a common cold.



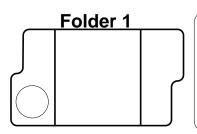




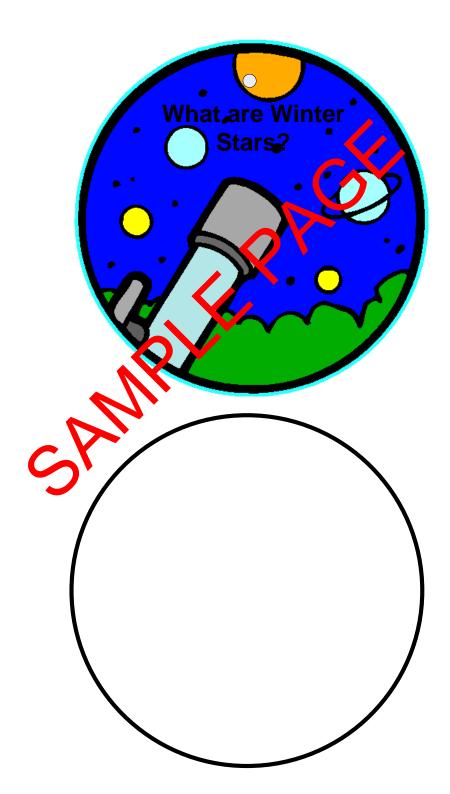
Cut out the booklet like a matchbook. Fold booklet. Glue into folder.

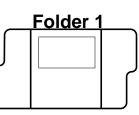
**Directions**: Inside of the booklet, write what you have learned.





Cut out all of the circles. Stack with title page on top. Staple at the top or fasten with a brad. Glue into lap book. **Directions:** Inside of the booklet, write or draw what you have learned.





Cut out the weather chart and glue into lapbook. **Directions:** Each day record the correct weather information.

