

## Event #2

Weather conditions for Friday, February 11th, look threatening with talk that it might snow. If schools are closed that day, it would be a problem for McCarver City Schools because they have already used all of their “snow days.” This means that missed school would be made up during spring break.

## Your Challenge

Your job is to monitor weather forecasts to see if schools should be open or closed on February 11<sup>th</sup>. The first forecast you must consider is 48 hours from the deadline. Analyze that forecast and complete the Decision Matrix. Then send out Twitter updates alerting the schools to how conditions are looking for February 11<sup>th</sup>. Remember to add the hashtag that your teacher provided to each update.

## Next Step

When you are finished analyzing the 48 hour forecast, exchange it for the next one.



<b>48 hours</b>  <i>Forecast 1 of 7</i>	Wednesday, February 9 <sup>th</sup> 4:00am	Rain likely. Highs in the lower 40s. Chance of rain 60%.
<b>40 hours</b>  <i>Forecast 2 of 7</i>	Wednesday, February 9 <sup>th</sup> 12:00pm	Winter storm watch in effect from Thursday evening through Saturday afternoon. Snow or sleet likely in the morning then rain likely in the afternoon. Highs around 40. Northeast winds 10-15 mph. Chance of precipitation 60%.
<b>32 hours</b>  <i>Forecast 3 of 7</i>	Wednesday, February 9 <sup>th</sup> 8:00pm	Winter storm watch in effect from Thursday evening through Saturday morning. Snow, rain and sleet in the morning then rain in the afternoon. Half inch of sleet accumulation is possible. Highs in the upper 30s. Northeast winds 10-15 mph. Chance of precipitation 80%.
<b>24 hours</b>  <i>Forecast 4 of 7</i>	Thursday, February 10 <sup>th</sup> 4:00am	Winter weather advisory in effect from 7pm this evening to 7am Saturday. Rain, sleet and snow in the morning then rain and sleet in the afternoon. Snow and sleet accumulation up to 1 inch. Highs in the upper 30s. Northeast winds 10-15 mph. Chance of precipitation near 100%.

## Winter Weather Challenge 6DMS

<b>16 hours</b>  <i>Forecast 5 of 7</i>	Thursday, February 10 <sup>th</sup> 12:00pm	Winter weather advisory in effect from 7pm this evening to 7am Saturday. Rain, snow and freezing rain in the morning then rain, snow and sleet likely in the afternoon. Snow and sleet accumulation up to 1 inch. Highs in the upper 30s. Northeast winds 5 to 15 mph. Chance of precipitation 90%.
<b>8 hours</b>  <i>Forecast 6 of 7</i>	Thursday, February 10 <sup>th</sup> 8:00pm	Winter weather advisory in effect until 7am Saturday. Rain and snow in the morning then snow and sleet likely in the afternoon. Snow and sleet accumulation up to 1 inch. Highs in the upper 30s. Northeast winds 10-15 mph. Chance of precipitation 90%.
<b>Decision Must Be Made</b>  <i>Forecast 7 of 7</i>	Friday, February 11 <sup>th</sup> 4:00am	Winter weather advisory in effect until 7pm. Rain and sleet in the morning then rain likely in the afternoon. Sleet accumulation up to 1 inch. Near steady temperature in the mid 30s. Northeast winds 10-15 mph. Chance of precipitation near 100%.