## WORKSHOP OVERVIEW | SNOW STORM IMPACTS: MATH

INSTRUCTIONS: Learn more about the winter weather in your area by calculating the impacts of the New England Nor'Easters. These strong storms are getting more and more powerful each decade. Don't forget to show your work!

| SOLVE IT! | SHOW YOUT WOTK! |
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| During january of this year, Boston received <br> 6 inches of snow. Meteorologists are <br> predicting 3 times more snow in February. <br> How many inches will Boston receive in <br> February if the meteorologists are correct? |  |
| Typically, Boston receives 7 inches or less <br> during a single snow storm. But, on <br> February 17th-18th of 2003 Boston <br> received the highest snowfall total for a <br> single storm in history, when 4 times the <br> typical amount of snow fell! How many <br> inches of snow did Boston get February <br> 17th-18th, 2003? |  |
| In 2015 Boston had the most snow in <br> history: 9 storms averaged 12 inches of <br> snow each. How many inches of |  |
| snow were recorded in Boston in 2015? |  |
| Meteorologists are predicting it will stay <br> mostly out to sea and only drop snow on <br> an area of Massachusetts that is 9 miles <br> long and 4 miles wide. How many square <br> miles will be blanketed by snow? |  |

