

<b>Topic:</b> Operations with Integers and Absolute Value		<b>Essential Question:</b> How can a number line and knowledge of properties be used to demonstrate the addition, subtraction, multiplication, and division of integers?		
<b>Standards:</b> <ul style="list-style-type: none"> <li>7.NS.1 Apply and extend previous understandings of addition and subtraction to add and subtract rational numbers; represent addition and subtraction on a horizontal or vertical number line diagram.</li> <li>7.NS.2 Apply and extend previous understandings of multiplication and division and of fractions to multiply and divide rational numbers.</li> </ul>		<b>Students Will Be Able To</b> <ul style="list-style-type: none"> <li>Represent addition and subtraction of integers on a number line and using 2-sided chips.</li> <li>Apply their knowledge of the properties of multiplication and division to multiply and divide integers.</li> <li>Use order of operations to solve real world problems with integers.</li> </ul>		
<b>Vocabulary:</b> <ul style="list-style-type: none"> <li>Positive numbers, negative numbers, integers, absolute value, opposite, additive inverse, rational numbers, product, quotient</li> </ul>		<b>Assessment:</b> <ul style="list-style-type: none"> <li>Discussion questions</li> <li>Classwork practice with partners</li> <li>Quiz</li> </ul>		
<b><i>Monday: Adding and Subtracting Integers</i></b>	<b><i>Tuesday: Adding and Subtracting Integers and Absolute Value</i></b>	<b><i>Wednesday: Multiplying and Dividing Integers</i></b>	<b><i>Thursday: Review</i></b>	<b><i>Friday: Quiz</i></b>
<ul style="list-style-type: none"> <li>Do Now review problems</li> <li>“Brain POP- Adding and Subtracting Integers” video and quiz</li> <li>Adding and subtracting integer word problem activity in pairs</li> <li>Temperature and number line activity</li> <li><b>HW: Finish temperature and number line activity</b></li> </ul>	<ul style="list-style-type: none"> <li>Do Now review problems</li> <li>Go over HW</li> <li>“Brain POP- Absolute Value” video and quiz</li> <li>“Chef’s Soup” activity- adding and subtracting integers</li> <li><b>HW: Finish “Chef’s Soup” activity</b></li> </ul>	<ul style="list-style-type: none"> <li>Do Now review problems</li> <li>Go over HW</li> <li>Guided notes on multiplying and dividing integers</li> <li>Practice multiplying and dividing integers in pairs</li> <li>Multiplying and dividing integers word problem activity</li> <li><b>HW: Finish multiplying and dividing word problem activity</b></li> </ul>	<ul style="list-style-type: none"> <li>Do Now review problems</li> <li>Go over HW</li> <li>Adding, subtracting, multiplying, and dividing integers and absolute value review sheet</li> <li>Color by integer activity</li> <li><b>HW: Study (watch videos on website), Quiz Tomorrow</b></li> </ul>	<p><b><i>*Today is a half day</i></b></p> <ul style="list-style-type: none"> <li>Do Now review problems</li> <li><b>Quiz</b> on adding, subtracting, multiplying, and dividing integers and absolute value</li> </ul> <p><b>HW: Have a good weekend!</b></p>

