

<p>Topic: Ratios & Proportions: Percents</p>	<p>Standards:</p> <ul style="list-style-type: none"> 7.RP.3 Use proportional relationships to solve multistep ratio and percent problems.
<p>Lesson Essential Question:</p> <ul style="list-style-type: none"> How can proportional relationships be used to solve percent and ratio problems? 	<p>Students will be able to....</p> <ul style="list-style-type: none"> Develop and evaluate a proportional relationship to solve multi-step ratio problems. Develop and evaluate a proportional relationship to solve multi-step percent problems. Analyze the reasonableness of an answer.
<p>Activating Strategy: BrainPOP video, Schmoop video</p>	<p>Vocabulary:</p> <ul style="list-style-type: none"> Percent, simple interest, (interest, principal, rate, time) tax, markup, discount/markdown, commission, tip/gratuity, fees, percent increase/decrease, percent error, cross product

<p>Lesson Instruction</p>	
<p>Learning Activity 1:</p> <ul style="list-style-type: none"> Percent Conversion Flipchart Percent Conversion Practice Versatiles Activity <p>Assessment Prompt for LA 1:</p> <ul style="list-style-type: none"> Exit Ticket 	<p>Graphic Organizer:</p> <ul style="list-style-type: none"> Percent Conversion Flipchart Percent of Change Table
<p>Learning Activity 2:</p> <ul style="list-style-type: none"> Percents in Shapes Activity Percent of a Number Interactive Study Guide-Breakdown of Steps Percent of a Number Practice <p>Assessment Prompt for LA 2:</p> <ul style="list-style-type: none"> Review discussion 	
<p>Learning Activity 3:</p> <ul style="list-style-type: none"> Percent of a Whole Interactive Study Guide-Breakdown of Steps Percent of a Whole Practice <p>Assessment Prompt for LA 3:</p> <ul style="list-style-type: none"> Questions to the Teacher 	<p>Assignment:</p> <ul style="list-style-type: none"> Face-ing Math Activity
<p>Learning Activity 4:</p> <ul style="list-style-type: none"> Percent Word Problems Practice Percent and Constant of Proportionality Word Problems –School Net Activity <p>Assessment Prompt for LA 4:</p> <ul style="list-style-type: none"> School Net Classwork Grade and Reflection 	
<p>Learning Activity 5:</p> <ul style="list-style-type: none"> Percent of Change graphic organizer Percent of Change practice <p>Assessment Prompt for LA 5:</p> <ul style="list-style-type: none"> Think-Pair-Write 	

Summarizing Strategy:

- 3-2-1
- Respond to Essential Question with partner