

<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</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 Word Problem-Key Words Percent Word Problem Practice <p>Assessment Prompt for LA 1:</p> <ul style="list-style-type: none"> Thumbs up-Thumbs down 	<p>Graphic Organizer:</p> <ul style="list-style-type: none"> Calculating Simple Interest Flipchart Keywords chart for solving percent word problems
<p>Learning Activity 2:</p> <ul style="list-style-type: none"> Restaurant Madness Project <p>Assessment Prompt for LA 2:</p> <ul style="list-style-type: none"> Project reflection and rubric 	
<p>Learning Activity 3:</p> <ul style="list-style-type: none"> Simple Interest BrainPOP Simple Interest Graphic Organizer Simple Interest Interactive Study Guide Simple interest 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"> Percent Word Problem Practice
<p>Learning Activity 4:</p> <ul style="list-style-type: none"> Discount and Markup Word Problems Math Holiday Puzzles <p>Assessment Prompt for LA 4:</p> <ul style="list-style-type: none"> Partner and Class discussion 	

<p>Summarizing Strategy:</p>
<ul style="list-style-type: none"> Respond to Essential Question with partner One sentence summary independently