Original Lesson EASyR	Lesson
Audience: The lesson includes th	e same standard and
number of the original lesson is intended for seventh grade objectives.	
.≥ math students.	
 The CCSS addressed is: 7.G.1 Solve problems involving scale drawings of geometric figures, including computing actual lengths and areas from a scale drawing and reproducing a scale drawing at a different scale. Lesson Objectives include: Find a scale factor between two shapes. Use scale factors to determine a missing scale or actual value. Understand unit conversions. 	hat there is a more ctive approach rather s approach allows pir understanding and onnection to the
Students will be taught about what a scale factor Prior to the activities, s	tudents will discuss
is and how to use it. It is an extension of their similar figures in their	atio and proportional
ratio and proportional reasoning unit. reasoning unit.	
Fuchasta	
Students will compare and determine if two	using apolo factors to
figures are similar, meaning do they have a	ising scale factors to
common ratio that all sides follow.	stances between
towns.	
After they practice similarity, the term scale factor	
Will be used for the common ratio.	o a discussion board
Students will use the scale factor will be applied to prompt.	
find the missing side of one figure, whether it he Prompt: Is it essential	hat scale factors of all
the image or the model maps are the same?	Vhat makes you think
so?	·
Student understanding will be applied in authentic Extension: What happ	ens to the scale factor
situations like reading the blueprint of a house	In on a city?
and determining the dimensions by using the same scale factor? W	portant to use the
Scale factor.	nen is il benencial lo
Synthesize	5013 :
Students will reflect or	
factors. They are to re	other uses of scale
scale factor (model ca	other uses of scale cord another use of a
plan of a house…). Th	other uses of scale cord another use of a ; photography, floor
create an authentic ex	other uses of scale cord another use of a ; photography, floor nen students will
	other uses of scale cord another use of a c, photography, floor nen students will ample of a real world
problem to solve and p	other uses of scale cord another use of a c, photography, floor ten students will ample of a real world provide the solution.
problem to solve and p (For example, I am fur	other uses of scale cord another use of a r, photography, floor nen students will ample of a real world provide the solution. niture shopping and
problem to solve and problem t	other uses of scale cord another use of a r, photography, floor en students will ample of a real world provide the solution. niture shopping and fit in my room.
problem to solve and p (For example, I am fur need to know what wil Having a floor plan of	other uses of scale cord another use of a r, photography, floor nen students will ample of a real world provide the solution. niture shopping and fit in my room. he room will allow me
problem to solve and p (For example, I am fur need to know what wil Having a floor plan of t to convert on my grid p	other uses of scale cord another use of a c, photography, floor nen students will ample of a real world provide the solution. niture shopping and fit in my room. he room will allow me paper room and
problem to solve and p (For example, I am fur need to know what wil Having a floor plan of to convert on my grid p determine if I can fit th	other uses of scale cord another use of a r, photography, floor nen students will ample of a real world provide the solution. niture shopping and fit in my room. he room will allow me paper room and e furniture.)
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problem to solve and p (For example, I am fur need to know what wil Having a floor plan of t to convert on my grid p determine if I can fit th Reflect Students will relate the proportional reasoning	other uses of scale cord another use of a r, photography, floor hen students will ample of a real world provide the solution. hiture shopping and fit in my room. he room will allow me paper room and e furniture.) ir work with on a graph as direct pe will work to bridge a
problem to solve and p (For example, I am fur need to know what wil Having a floor plan of t to convert on my grid p determine if I can fit th Reflect Students will relate the proportional reasoning variation and slope. T	other uses of scale cord another use of a r, photography, floor nen students will ample of a real world provide the solution. niture shopping and fit in my room. he room will allow me paper room and e furniture.) ir work with on a graph as direct ne will work to bridge a pit rate, scale factor