

Sample 5W/5E Technology Integration Model (Virginia Standard of Learning - SOL 5.2a)

Grade 5

Content Area – **Math**

What are you teaching?

POS objective NCT 5 and NCT 6/ SOL Objective 5.2 - The student will:

- recognize and name commonly used fractions (halves, fourths, fifths, eighths, and tenths) in their equivalent decimal form and vice versa; and
- order a given set of fractions and decimals from least to greatest. Fractions will include like and unlike denominators limited to 12 or less, and mixed numbers.

Samples	Who (Targeted Population)?	Why (5E's)?	What available resources will address my Who and Why ?	When during the my instructional program would the infusion of technology best take place?	Where/How will I accomplish the integration of technology to address my instructional goals?
Sample A	Whole Group	Engage and Explore	Website http://illuminations.nctm.org/mathlets/fractionpie/index.html	Demo/Warm-up at the beginning of lesson	Using teacher presentation station
Sample B	Special Needs Inclusion Student	Explore (Matching halves)	Website http://www.abc.net.au/countusin/games/game13.htm	While others are working at their desk	Resource Staff/Parent Aide/Peer Tutor
Sample C	Whole group	Elaborate	Website (recipe using fractions)... http://mathforum.org/paths/fractions/frac.recipe.html	After we complete page XYZ Tuesday Morning	In the pod area and make the recipe in teams
Sample D	Students who may already understand the correlation between fractions and decimals	Evaluate	Using a Paint program, show me you understand that $9/12 = 75\%$	Rotation during Center Time	Classroom

5W/5E Planning for Technology Integration Template

Grade _____ Content Area _____

What is your instructional goal (e.g., Standards of Learning objective)?

What:	Who:	Why:	When:	Where:
<ul style="list-style-type: none"> • What resources are available to you? • What resources would you like to use? 	<p>Who is your targeted audience?</p> <ul style="list-style-type: none"> • Whole group? • Flexible group? • Inclusion student? • GT student? • Other 	<p>Why?(5E's) For more information log on to http://www.bsccs.org</p> <ul style="list-style-type: none"> • Engage • Explore • Explain • Elaborate • Evaluate 	<p>When are you going to integrate the technology into your instruction?</p> <ul style="list-style-type: none"> • Demo at beginning of lesson? • After xyz page? • After using xyz manipulates? • Other 	<p>Where will the technology infusion take place?</p> <ul style="list-style-type: none"> • Classroom Demo from Teacher Presentation Station? • Computer Lab? • With Special Ed Resource Teacher? • Peer Tutor? • Computer Station in Classroom? • Other
What:	Who:	Why:	When:	Where: