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Grades

6-8

Handout

1

Getting Started with Imagine IM

imagine classroom

imagine learning

Handout 1: Unit Landing Page
Let's explore a unit landing page.

Grade 6	Grade 7	Grade 8
Unit 6	**Unit 6**	**Unit 4**
Expressions and Equations	Expressions, Equations, and Inequalities	Linear Equations and Linear Systems

Directions: Explore each section of the Unit Landing Page.

Unit Landing Page		I can find it.	I know what it is for.
Plan	Unit and Section Learning Goals		
	Unit Videos		
	Unit Materials		
	Unit Assessments		
	Teacher and Student Workbooks		
Teach	Check your Readiness		
	Section and Lesson Materials		
	Mid-Unit Assessments		
	End-of-Unit Assessments		
	Teacher and Student Workbooks		
Support	Progression of Disciplinary Language		
	Family Support Material		
	Digital Task Statements		
	Digital Cool-downs		
	Digital Practice Sets		
	Assignable Digital Applets		
	Extension Problems		
	Teacher and Student Workbooks		

Handout 1: Section Landing Page
Let's explore a section landing page.

Grade 6	**Grade 7**	**Grade 8**
Unit 6	**Unit 6**	**Unit 4**
Section B	**Section B**	**Section B**

Directions: Explore the Section Landing Page. Use the provided questions to guide your team's discussion.

Section Landing Page		I can find it.	I know what it is for.
Section Learning Goals	How do the unit and section learning goals connect?		
Section Checkpoint	How do the section checkpoints assess learning goals?		
Teacher Reflection Questions	How could the reflection questions be beneficial?		

Handout 1: Lesson Plan

Let's explore a lesson plan.

Grade 6	**Grade 7**	**Grade 8**
Unit 6	**Unit 6**	**Unit 4**
Section B	**Section B**	**Section B**
Lesson 8	**Lesson 10**	**Lesson 5**
Equal and Equivalent	Different Options for Solving One Equation	Solving Any Linear Equation

Directions: Review each tab. Use the provided questions to guide your team's discussion.

Lesson Plan Resources		I can find it.	I know what it is for.
Lesson Tab	What do you notice about the teaching notes?		
Materials Tab	How do these materials support the lesson's learning goals?		
About this Lesson Tab	What information do you find most useful? Why?		

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Handout 1: Cool-downs

Let's complete a cool-down.

Grade 6: Unit 6

Lesson 8: Equal and Equivalent

Cool Down: Decisions About Equivalence

Decide if the expressions in each pair are equivalent. Explain how you know.

1. $x + x + x + x$ and $4x$

2. $5x$ and $x + 5$

Grade 7: Unit 6

Lesson 10: Different Options for Solving One Equation

Cool Down: Solve Two Equations

Solve each equation. Show or explain your method.

1. $8.88 = 4.44(x - 7)$　　　　　　2. $5\left(y + \frac{2}{5}\right) = -13$

Grade 8: Unit 4

Lesson 5: Solving Any Linear Equation

Cool Down: Check It

Noah wanted to check his solution of $x = \frac{14}{5}$ for the equation $\frac{1}{2}(7x - 6) = 6x - 10$.
Substituting $\frac{14}{5}$ for x, he writes the following:

$$\frac{1}{2}\left(7\left(\frac{14}{5}\right) - 6\right) = 6\left(\frac{14}{5}\right) - 10$$
$$\left(7\left(\frac{14}{5}\right) - 6\right) = 12\left(\frac{14}{5}\right) - 20$$
$$5\left(7\left(\frac{14}{5}\right) - 6\right) = 5\left(12\left(\frac{14}{5}\right) - 20\right)$$
$$7 \cdot 14 - 6 = 12 \cdot 14 - 20$$
$$98 - 6 = 168 - 20$$
$$92 = 148$$

Find the incorrect step in Noah's work and explain why it is incorrect.

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