

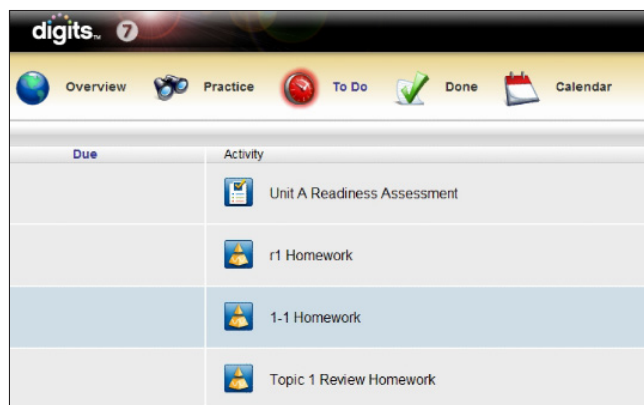
Getting the Most Out of MathXL for School

Introduction

This guide describes digits' online homework powered by MathXL for School, discusses how the Learning Aids help students improve their performance in mathematics, and tells how you can customize homework assignments in MathXL for School to accommodate the instructional needs of your classroom.

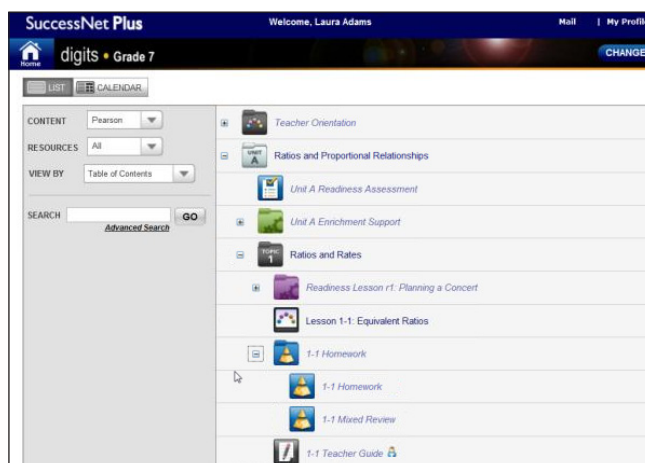
To get started, observe how students access their online homework in their digits course.

Student Access Students can log in to their digits accounts through My Math Universe, where they will see their assignments in their To Do list. Online homework is auto graded and reported straight into your Gradebook.



Now, observe how you can view MathXL for School homework assignments from your digits home page.

Teacher Access Start by clicking **Pearson Content** in the digits course. Choose the unit and topic for which you want to access the homework.

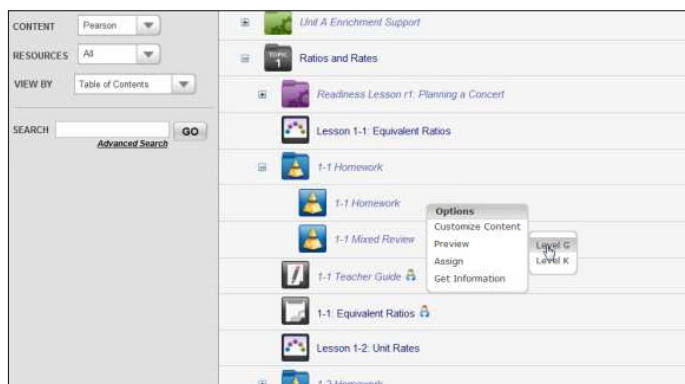


Homework Assignments

Homework has two parts—Lesson Practice and Mixed Review. Lesson Practice includes problems that support the instruction of the corresponding lesson. Mixed Review contains exercises that address previously taught content.

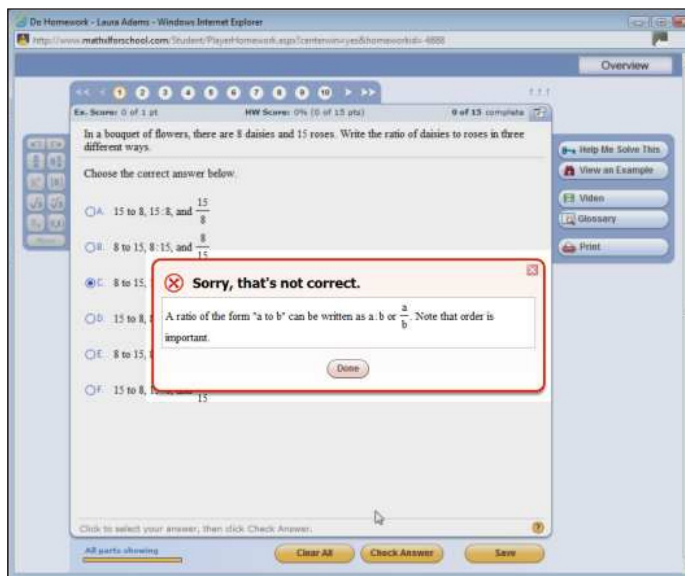
Previewing Homework Assignments

Open a Lesson Practice assignment by clicking the drop-down menu and choosing **Preview**. Notice that there are two levels of assignments. Level G is assigned to on-level and advanced students. Level K is assigned to students working below grade level. Click **Level G** to view an on-level homework assignment.



Answering Questions in MathXL for School

In this assignment, students are asked to correctly choose a ratio written in three ways. Suppose the student selected C as his or her answer choice. By clicking **Check Answer**, the student receives immediate feedback on the response. MathXL for School allows the student to try the problem again.



The default number of tries the student can attempt to answer the question correctly is three. After three tries, MathXL for School provides the correct answer, and then generates a similar problem for the student to start over with and try again.

The student may choose to move on to the next question. If this happens, MathXL for School automatically records information that the student has not met the objective in this problem, which may necessitate re-teaching.

If the student answers the question correctly, he or she can choose to try another similar problem for more practice or move on to the next question.

Math Palette

Look at another question in this assignment. This problem asks the student to find an equivalent ratio. When he or she clicks in the answer box, the math palette becomes accessible.

All open response problems activate the math palette. Choose the correct answer format by clicking the notation or symbol you need and typing your answer in the blue shaded areas.



Question Format

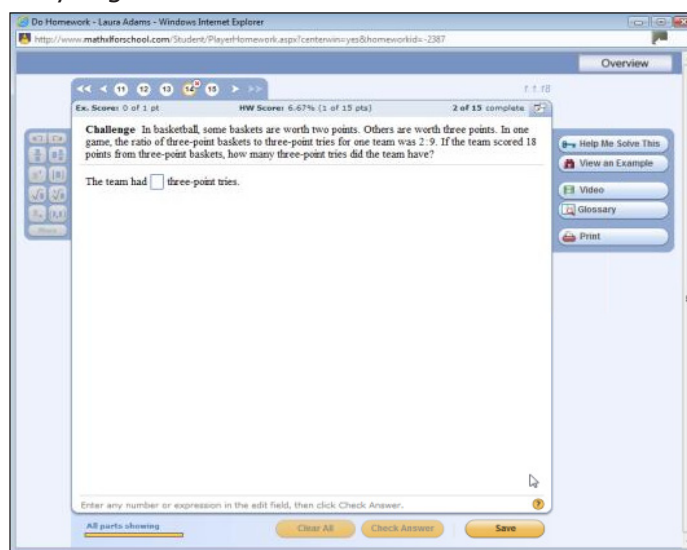
Questions are presented in a variety of formats including multiple choice and open response. Because they are algorithmically generated, students have unlimited practice to master the problem's objective.

Learning Aids Explore how the Learning Aid, Help Me Solve This, works in the next problem. Click **Help Me Solve This**, and observe how this features breaks down the problem for struggling students. The problem asks students to write ratios in three ways, while they analyze part-to-part and part-to-whole relationships.

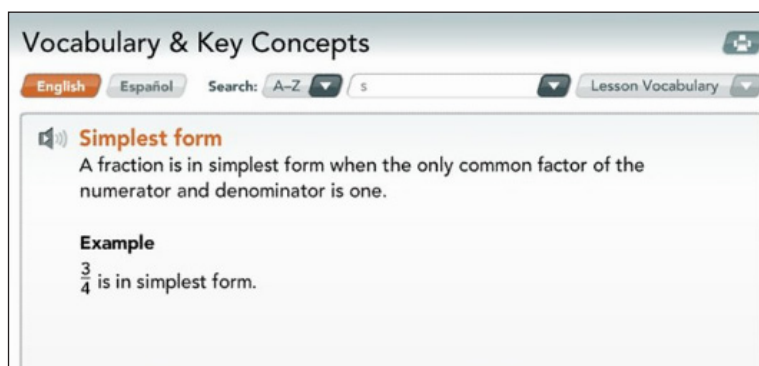
Help Me Solve This Help Me Solve This scaffolds the problem by asking prompting questions at each individual step. Students are provided with instant feedback for each step in order to address any misconceptions at the source.

View Example View what happens when you click **View an Example**.

View an Example provides a fully worked-out, step-by-step solution to the problem. Once students return to the problem, the item algorithmically regenerates with new values for a fresh attempt.



Other Learning Aids include a Glossary that provides students access to the digits vocabulary feature and video tutorials that further explain skills and procedures.



Automatic Scoring and Reporting

After students complete the assignment, they can view their overall assignment scores. These scores are automatically entered into your class Gradebook, where you will have access to view your students' progress and analyze response data, such as time on task, items attempted, and incorrect responses.

Customizing Assignments

By now, you may be wondering if you can add or delete problems to your students' homework assignment or adjust the assignment properties.

You have complete control of modifying your digits instruction. You can customize MathXL for School assignments in a few easy steps.

Step 1: On the home page, click **Pearson Content**.

Step 2: Locate a homework folder, and expand it by clicking the plus sign. The leveled homework is inside.

Step 3: Open the Options drop-down menu to customize the on-level assignment or click **Level K** to customize the below-level assignment.

Step 4: Make desired changes on the Activity Details tab. To add or remove questions to the assignment, click **Launch**.

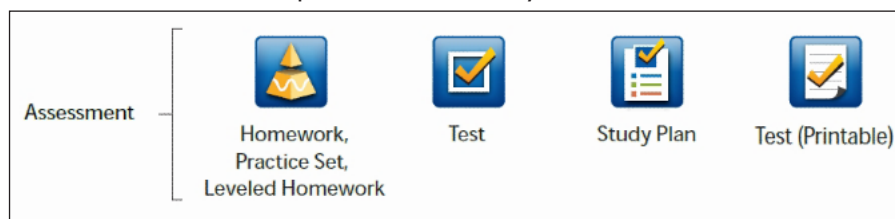
Step 5: Add or remove problems and objectives from the assignment. Click **Save**.

Step 6: Click **Save and Continue**.

Step 7: Make desired changes on the Preferences tab.

Step 8: **Click Save and Return** when you are done making changes.

These same steps apply to any digits homework or test administered through MathXL for School. Remember that you can easily customize instruction to meet the precise needs of your students.



Review

This guide discussed online homework in digits that is powered by MathXL for School.

It detailed how the Learning Aids in MathXL for School help students improve their performance in mathematics. It also described how you can customize homework assignments generated by MathXL for School to accommodate the instructional needs of your classroom.