



Pearson

Global Technology Summit: 7.0

OPEN FOR LEARNING

mLearning Guides

Breakout Session

Michelle Lasure

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Supervisor of Multimedia
Development

K-12 Technology
Pearson North America



Agenda

- Introduction to mLearning Guides
- Team Resources and Workflow
- iBooks Author and Widgets
- HTML5 and JavaScript custom templates
- Developer Tools
- mLG's for Teaching and Learning



Introduction to mLearning Guides



Interactive iBooks

- Digital
- Responsive
- Downloadable
- Interactive
- Widgets
 - Keynote presentations
 - Videos/Demos
 - Software Simulations (Try it)
 - Learning Games and Activities
 - Quizzes
 - Google Polls



Widgets

iPad 8:11 PM 75%

Figure 4 – Changing Account Preferences in a PowerSchool Parent Portal Account

Watch this video to learn how to change your password and add a student to a parent single sign-on account. Pinch to zoom in and out of the video.

Navigation

Once you have signed in, click the icons in the menu on the left side of the screen to view the following information:

- Student grades and attendance
- Grade history for the previous term(s)
- Attendance history
- Settings for email notifications (parents only)

- Teacher comments
- School bulletin
- Online class registration form when available for the upcoming term
- Balances for lunch and other fees
- Calendars
- School information
- Account preferences for Single Sign-on users (parents only)
- Link to either the PowerSchool for Students or PowerSchool for Parents mobile app

Icon and information availability is based on what your district has elected to display.

Exercise 1 – Exploring Student Pages

Tap to explore the student pages.

5

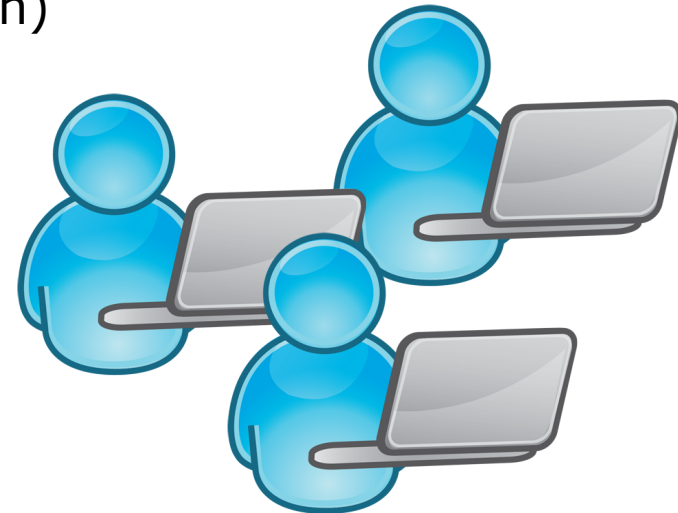
- Bootstrap
Framework: HTML5, CSS, JavaScript
- Developer Applications
 - Flash
 - Captivate
 - Keynote (mp4/ogv)
 - Miro
 - TextMate
- Rapid Development



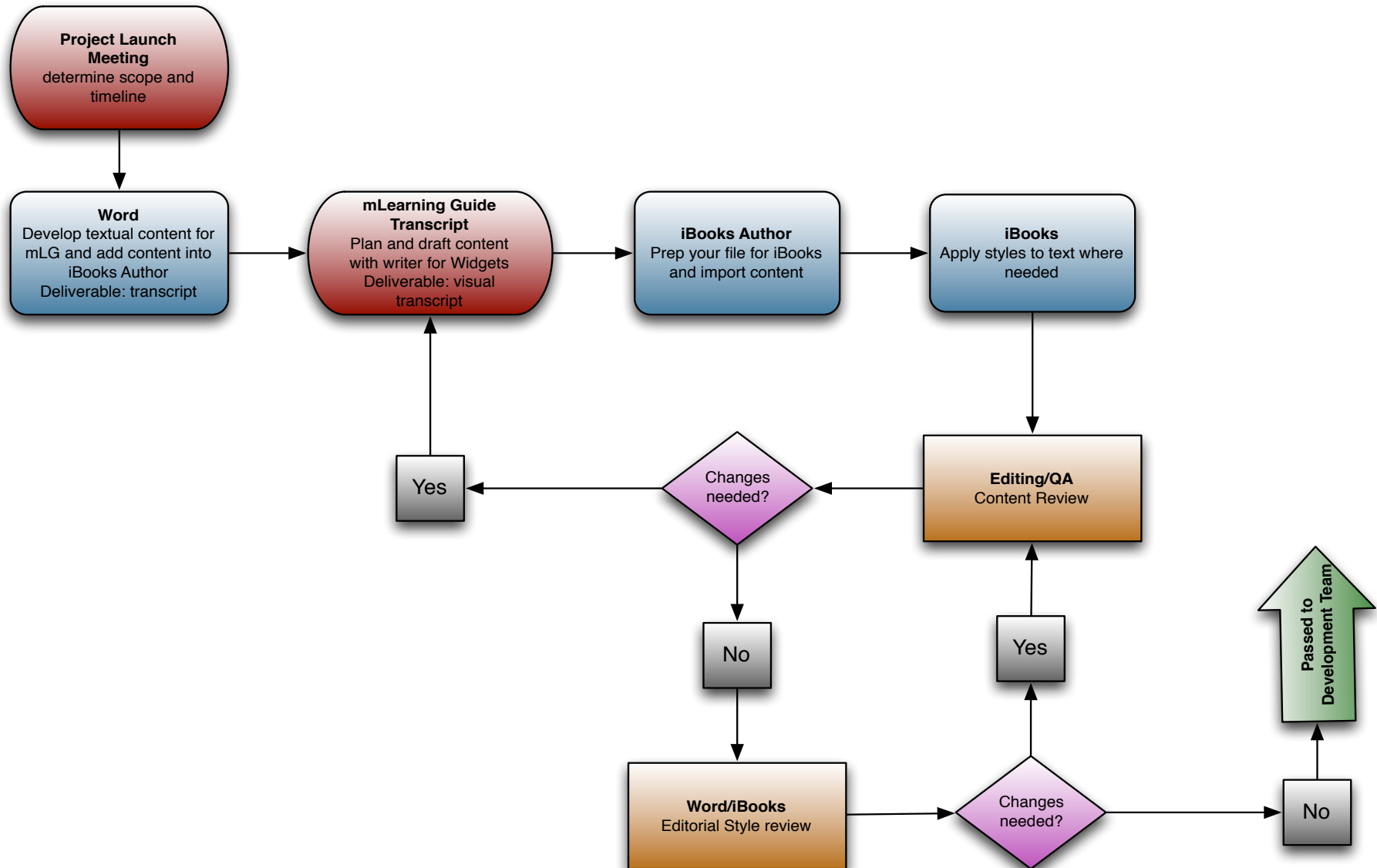
Team Resources and Workflow

mLearning Guide Team

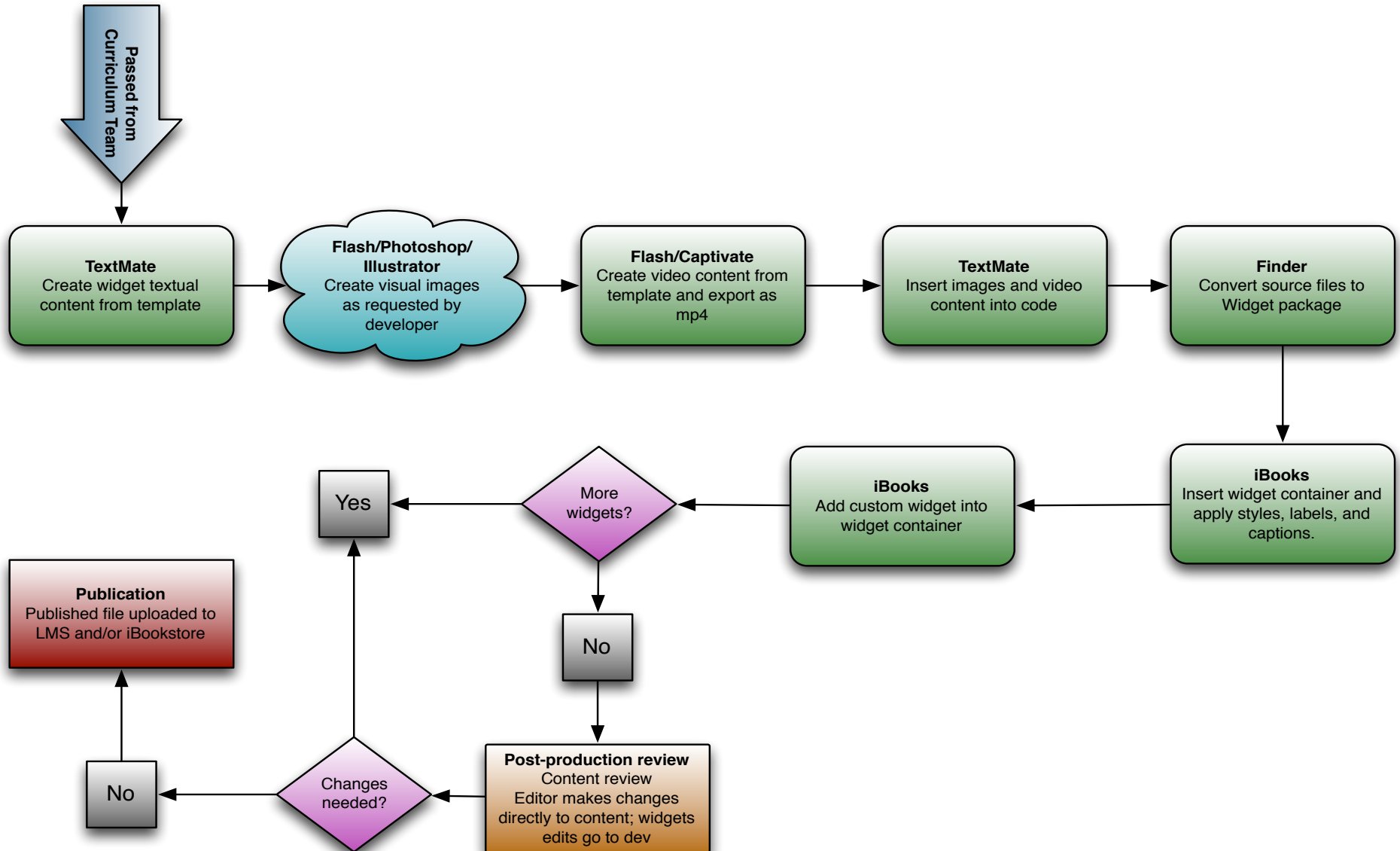
- For each mLG developed
 - 1 Writer
 - 1 SME/QA person
 - 2 Editors
 - 1 Developer + Lead Code Developer (as needed)
 - 1 Artist
 - Manager (Project Management + Publication)



mLearning Guide Workflow - Writing



mLearning Guide Workflow - Writing





iBooks Author and Widgets

iBooks Author 2.0

The screenshot displays the iBooks Author 2.0 interface. The top menu bar includes File, Edit, Insert, Format, Arrange, View, Window, Share, and Help. The toolbar below the menu contains icons for adding pages, viewing orientation, text boxes, shapes, tables, charts, widgets, preview, and publish. The left sidebar shows the book's structure, including a table of contents and a glossary. The main workspace is divided into two columns. The left column contains text instructions for creating a single sign-on account, including steps for opening a browser, entering account information, and creating the account. The right column contains a diagram titled 'Figure 4 -- Changing in a PowerSchool Parent Single Sign-On' and a list of steps for adding a student. A central inset window titled 'Figure 3 -- Creating a Parent Single Sign-on Account' shows a screenshot of the PowerSchool website's 'Create an Account' page. The right sidebar shows the Paragraph Styles and Character Styles panels, with options for free form, body bullets, body text, copyright text, and various heading and list styles.

create a single sign-on account:

Open an Internet browser window and enter your web address in the browser.

In the Create an Account section, click **Create Account**.

Enter your first name, last name, email address, desired username, and desired password.

Re-enter the password for security purposes.

In the Link Students to Account section, enter the student's name, access ID, and access password.

Open the Relationship menu and select the appropriate relationship.

To create the account, click **Enter**.

The Sign-In page appears again so you can sign in with your new account information.

Adding a Student

Once you've created and signed in to your account, you can add your students any time using Account Preferences. Use the Profile tab to make changes to the account name or email. Click the pencil icon to edit the username or password.

To add another student to your account:

1. In the Navigation menu, click **Account Preferences**.
2. To add a student, click the Students tab.
3. Click **Add**.
4. In the Add Student window, enter the student name, access ID, and access password.
5. Open the Relationship menu and select the correct relationship.
6. Click **Submit**.

Figure 3 -- Creating a Parent Single Sign-on Account

Step 1. Open an Internet browser and enter your school's PowerSchool web address. In the Create an Account section, click **Create Account**.

Figure 4 -- Changing in a PowerSchool Parent Single Sign-On

Watch this video to learn how to change your password and add a student to your account. Pinch to zoom in or out.

Navigation

Once you have signed in, on the left side of the screen, you can view the following information:

- Student grades and
- Grade history for the
- Attendance history
- Settings for email no

Paragraph Styles

- Free Form
- Body Bullets
- Body text
- Copyright text
- Cov...
- Cov...
- Dedication
- Figure/Exercise Cap...
- Figure/Exercise Cap...
- Figure/Exercis...
- Footer
- Hea...
- Hea...
- Heading 2
- Heading 3
- Heading 4
- 1. Numbered text

Character Styles

- None
- Bold click
- Courier New type
- Emphasis
- Figure Reference
- Glossary Primar...
- Glossary Secondary
- List Styles
- None
- Bullet

Code Builder

Code Builder

Objective: Build a PowerSchool code to set the GPA method to "Weighted."

Reset

Instructions

) result= ("gpa" classrank ^ method= "Weighted" *

Drag the items onto the line, placing them in the correct sequence.

Code Builder

Objective: Build a PowerSchool code to set the GPA method to "Weighted."

Reset

Instructions

^ (* "Weighted" method= classrank result= "gpa")

Drag the items onto the line, placing them in the correct sequence.

Code Builder Code

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="utf-8">
5   <!-- Title of course is here -->
6   <title>Widget Name</title>
7   <meta name="viewport" content="width=device-width, initial-scale=1.0">
8   <meta name="name" content="Widget Name">
9   <meta name="description" content="">
10  <meta name="author" content="">
11  <link href="css/combo.css" rel="stylesheet">
12 </head>
13 <body data-template-type="widget">
14   <div id="resourcesModal" style="display: none;" class="modal hide fade"></div>
15   <div id="helpModal" style="display: none;" class="help-modal hide"></div>
16   <!-- Main Content -->
17   <div id="dl-main" class="container">
18     <div class="scroll-window">
19       <h1 id="buildEx">Code Builder</h1>
20       <div data-random="false" class="dl-activityset">
21         <div data-activity-type="build" class="dl-activity">
22           <div class="row">
23             <div class="span12">
24               <div class="act-objective">
25                 <p><span class="objective-header">Objective: </span><span class="objective-text">Build a PowerSchool code to set the GPA method to "Weighted."</span></p>
26               </div>
27             </div>
28             <div class="span12">
29               <div class="build-toolbar"><a class="build-instruct-tag"><i class="icomoon-right"></i>Instructions</a><a href="#" class="build-reset"><i class="icomoon-spin"></i>Reset</a></div>
30               <div class="build-instruct-div">
31                 <div class="build-instruct">
32                   <p>Drag the items onto the line, placing them in the correct sequence. When the item is in the correct place, the line will turn green. When the item is in the incorrect place, the line will turn red indicating that you should try again.</p>
33                 </div>
34               </div>
35               <div class="act-container">
36                 <div class="items">
37                   <ul>
38                     <li>^</li>
39                     <li>{</li>
40                     <li>*</li>
41                     <li>classrank </li>
42                     <li>method</li>
43                     <li>Weighted</li>
44                     <li>result</li>
45                     <li>gpa</li>
46                     <li></li>
47                   </ul>
48                 </div>
49                 <div class="slots">
50                   <ul></ul>
51                 </div>
52               </div>
53             </div>
54           </div>
55         </div>
56       </div>
57     </div>
58     <!-- End of Main Content -->
59     <div class="row">
60       <div class="span12"></div>
61     </div>
62   </div><!-- Footer
63   <footer>
64     <div class="tagline"></div>
65     <div class="logo"></div>
66   </footer>-->
67   <script src="js/combo.min.js"></script>
68   <script src="js/widget.min.js"></script>
69 </body>
70 </html>
```

Drag and Drop Fill-In

Fill-in Title

*Drag the correct answer(s) into the blank space(s). Tap **Check** to see if you are right.*

Complete each statement below with the missing verb.

use

brush

talk

Please do not ✖ with your mouth full.

Be sure to ✔ your teeth before you go to bed.

Please ✖ your inside voice while indoors.

Check

Partially correct






Matching



Portal Icons

Drag each tile on the right on top of its match on the left until you complete each match. This exercise is supported on iPad 2 and above.

Match the icons with their purposes.

 Class Registration	Use to review historical grades and access graduation progress
 Grade History	Request classes for the next term
 Email Notification	Use to select how often and what type of information to receive via email
 Balance	View lunch and school fee information
 Grades and Attendance	View class assignments



Incorrect

Memory

Preparing Student Records

Match the description of the student with the information you would enter in their Sched_NextYearGrade field.

↺ Reset

🕒 Congratulations! You found all of the matches with 18 taps

5	6	Retained 11th Grader	Advancing 8th Grader	11
Graduating Student	Advancing 4th Grader	99	9	Retained 6th Grader

Polls

Getting Started with PowerTeacher Gradebook

Take a poll about how you use PowerTeacher Gradebook.

Answer the questions below and tap **Submit**. To see all responses, tap **Show Responses**.

What is your level of experience with using PowerTeacher Gradebook?

- ☐ No experience
- ☐ Novice
- ☐ Intermediate
- ☒ Advanced
- ☐ Other:

Do you plan to use PowerTeacher Gradebook for grading all assignments or for entering only final grades?

- ☒ All assignments
- ☐ Final grades

Submit

Never submit passwords through Google Forms.

Powered by [Google Docs](#)

[Report Abuse](#) - [Terms of Service](#) - [Additional Terms](#)

Show Responses

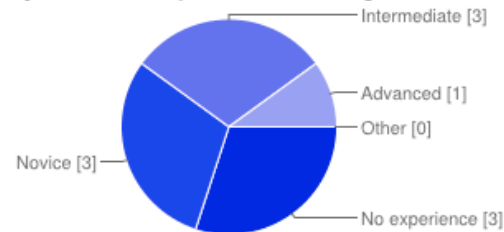
Polls

Getting Started with PowerTeacher Gradebook

10 responses

Summary

What is your level of experience with using PowerTeacher Gradebook?



No experience	3	30%
Novice	3	30%
Intermediate	3	30%
Advanced	1	10%
Other	0	0%

Do you plan to use PowerTeacher Gradebook for grading all assignments or for entering only final grades?



All assignments	10	100%
Final grades	0	0%

Quizzes

PowerSchool Student and Parent Portals Review

Check the correct answers and tap **Submit Answer**.

3. Which processes can you perform from the Grades and Attendance page?

View Image

Grades and Attendance: Christensen, Kathryn D

Attendance By Class													
Exp	Last Week					This Week					Course	Q1	Q2
	M	T	W	T	F	M	T	W	T	F			
1(A-B)											Chemistry 1 Sheen, Brian T	B 83	B 86
2(A)	Health 10 Rutter, Stephen D	B- 81	B+ 89
4(A)	World History Smith, Gerald R	B+ 89	B- 81
4(B)	Programming Sullivan, Henrique J	A 96	A 100
Attendance Totals												27	6

✓ Check attendance **✓Correct**

✓ Navigate to the Class Score Detail page **✓Correct**

☐ Read the school bulletin

✓ Email a teacher **✓Correct**

Next Question


Correct




PowerSchool Review


Select the correct answer and tap **Submit Answer**.

2. Which icon would you select to see the school's map?

☐  Account Preferences

☐  Attendance History

☐  Grades and Attendance

☐  School Information

Submit Answer

Feedback will appear here

Step Carousel

Carousel Title

PowerSchool Start Page > School Setup > Attendance Codes ! 🖨

Attendance Codes

New

Code	Description	Teachers Assign	Counts ADA	Presence	Sort
	Present	Yes	Yes	Present	1 ▾
A	absent	Yes	Yes	Absent	2 ▾
T	Tardy		Yes	Present	3 ▾
TE	Tardy Excused		Yes	Present	4 ▾
P	Parent Excused		Yes	Absent	5 ▾
U	Unexcused		Yes	Absent	6 ▾
S	School Excused		Yes	Present	7 ▾

Submit

Step 1 of 3

Slide caption text goes here.

Note: This is how you add a note to a carousel caption.

Table

Table Title













Head 1	Head 2	Head 3
Name	Info	Information or description
Name	Info	Information or description
Name	Info	Information or description
Name	Info	Information or description
Name	Info	Information or description
Name	Info	Information or description
Footer 1	Footer 2	Footer 3

Sorting

Sort Title

*Drag the items into the correct sequence. Tap **Check** to see if you are right.*

Put the steps necessary to complete a task in the software in order.

-  | First, in the text area, enter **this**. 
-  | Second, under Enter Text, enter **that** 
-  | Third, scroll down and click **this** 
-  | Fourth, click **that** 
-  | Sixth, go back to the Home page and do that
-  | Fifth, navigate to the next page and do this
-  | Finally, click **Submit** 

Check

Try it! (Simulation)

Try it! Title

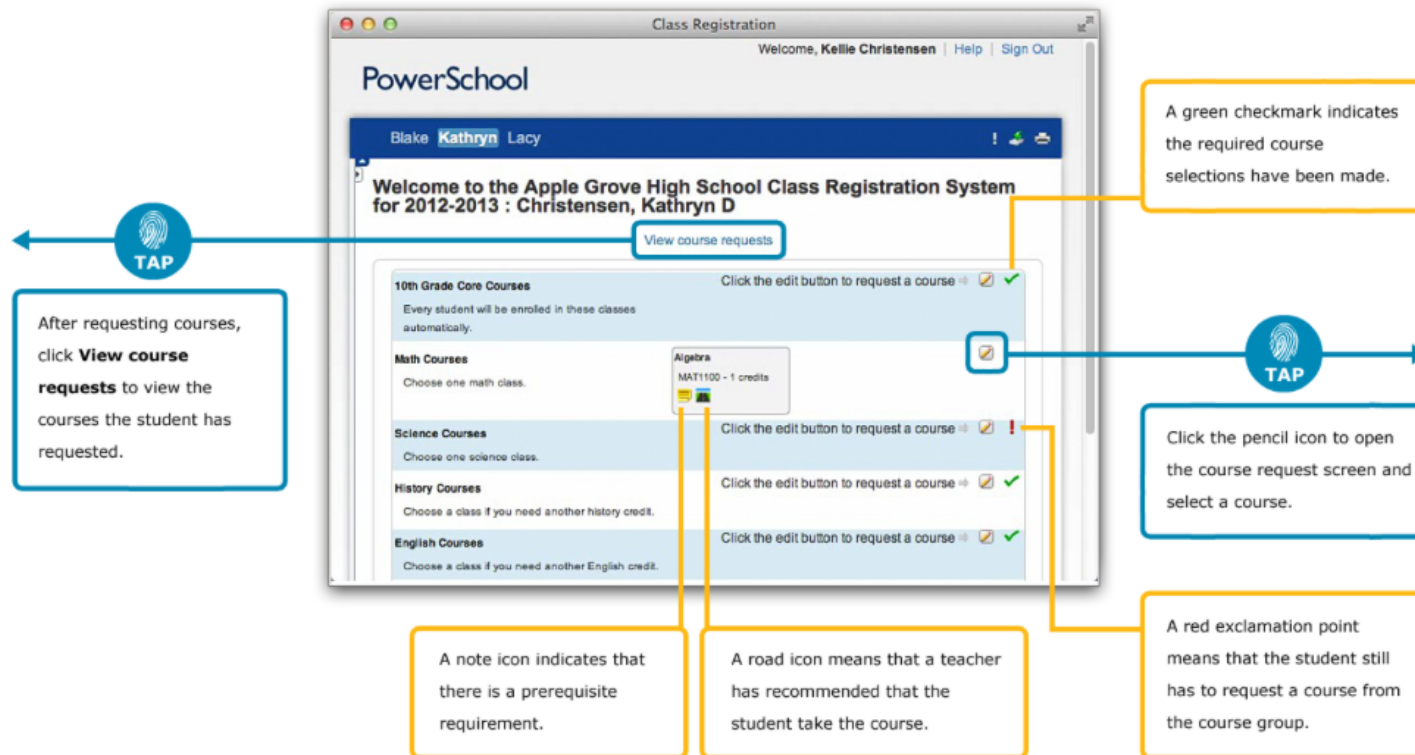
Objective: Walk through a few steps in PowerSchool to get a feel for the new Try it! interface.

The screenshot shows the PowerSchool interface for editing staff information. On the left is a sidebar with navigation links: Search Staff, List (1), Current Schedule, Information, Functions, Photo, Schedule Setup, Schedule Matrix, Security Settings, Transactions, Custom Screens, AGHS Staff Parking, Classroom Inventory, Computer Information, PSU Information, Staff Laptop Information, and Staff Numbers. The main content area is titled 'Information - Davis, Deborah W CS90'. It contains several form fields: Name (Last, First MI) with values Davis, Deborah, and W; Preferred Name with value Debbie; Email Address with value DDavis@pssis.com; Title (highlighted with an orange box); Gender with a dropdown set to Female; and Federal Ethnicity and Race section with radio buttons for 'Is the staff member Hispanic or Latino?' (Yes/No) and a text box for 'What is the staff member's race?' with checkboxes for Pacific Islander, Asian, African-American, and Caucasian. A dark overlay at the top right of the form area contains the text 'Select the Title field.' and an 'Instructions' link.

Figures

Class Registration Process

Class Registration Page



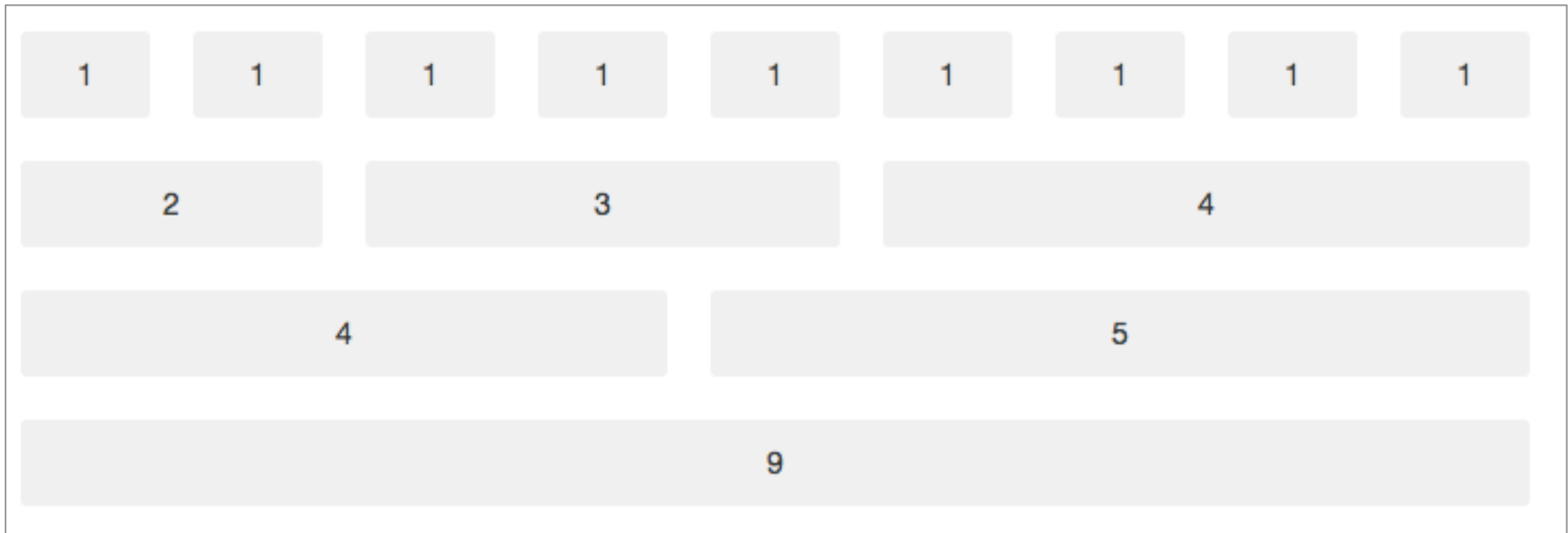


HTML5 and Javascript Custom Templates

Bootstrap Framework

Scaffolding

Bootstrap is built on responsive 12-column grids, layouts, and components.



<http://getbootstrap.com/2.3.2/scaffolding.html>

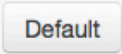





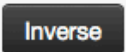

Presentation Title runs here | 00/00/00

27

Bootstrap CSS

Base CSS

Fundamental HTML elements styled and enhanced with extensible classes.

Button	class=""	Description
	<code>btn</code>	Standard gray button with gradient
	<code>btn btn-primary</code>	Provides extra visual weight and identifies the primary action in a set of buttons
	<code>btn btn-info</code>	Used as an alternative to the default styles
	<code>btn btn-success</code>	Indicates a successful or positive action
	<code>btn btn-warning</code>	Indicates caution should be taken with this action
	<code>btn btn-danger</code>	Indicates a dangerous or potentially negative action
	<code>btn btn-inverse</code>	Alternate dark gray button, not tied to a semantic action or use
	<code>btn btn-link</code>	Deemphasize a button by making it look like a link while maintaining button behavior

<http://getbootstrap.com/2.3.2/base-css.html#typography>

Bootstrap Framework

Components

Dozens of reusable components built to provide navigation, alerts, popovers, menus, and more.

Example

Action ▾

Action ▾

Danger ▾

Warning ▾

Success ▾

Info ▾

Inverse ▾

```
1. <div class="btn-group">
2.   <a class="btn dropdown-toggle" data-toggle="dropdown" href="#">
3.     Action
4.     <span class="caret"></span>
5.   </a>
6.   <ul class="dropdown-menu">
7.     <!-- dropdown menu links -->
8.   </ul>
9. </div>
```

<http://getbootstrap.com/2.3.2/components.html>

Try it Tool

Slide 1 (img/PTGS_Change_Score/PTGS_Change_Score_01.png)

The screenshot shows the PowerTeacher Gradebook interface for Sharm Hosni at Washington Elementary. The interface includes a sidebar with a class list, a top navigation bar with icons for Scoresheet, Assignments, Student Info, Grade Setup, Class Content, Attendance, and Notifications. The main area displays a table of student grades for the current term (S1) in the Assignments mode. The table has columns for Students, (S1) Final Grade, A, and T. The right sidebar contains settings for the slide, including Step Instructions, Continued From Last, Result or Dev Step, Position Same as Last, and dimensions (Top, Height, Left, Width). At the bottom, there are buttons for Insert Slide Before, Insert Slide After, Delete This Slide, and Replace Image.

1 Current

2 Click Area ☐ Fillin Input ☐ Fillin Area

3 Step Instructions

4 Continued From Last ☐

5 Result or Dev Step ☐

6 Position Same as Last

7 Insert Slide Before Insert Slide After
Delete This Slide Replace Image

Students (...)	(S1) Final Grade	A	T
Bergset...	--	n/a	-
Brakke,...	--	n/a	-
Burges...	--	n/a	-
Carlson...	--	n/a	-
Christe...	--	n/a	-
Foias, J...	--	n/a	-
Hawley,...	--	n/a	-
Heimns...	--	n/a	-
Jessop,...	--	n/a	-
Knorr,...	--	n/a	-
Kranzle...	--	n/a	-
Lucero,...	--	n/a	-
Moen, S...	--	n/a	-
Nielson	--	n/a	-

Try it Tool

Developer

Try it! Developer Tool

▼ Main Settings

GENERAL

Title

Objective

ID

Product

INSTRUCTIONS

Note Text

IMPORT

Image Folder (e.g. *img/foldername/*)

img/

Images/HTML

Import

► Export and Save Controls

Closed Captioning (CC) Tool

Developer

Easy Captions Developer Tool

Load Text Export HTML

Video

Create New Instructional Unit

Form fields and video player interface

Del	Add	Text	Data Start	Data End	Char Limit
-	+	By default, the Lesson Planner displays the	1	0	44
-	+	weekly calendar view for the current week	3	0	42
-	+	and a row for each of your classes.	6	0	36
-	+	However, it changes in response to your most recent actions.	8	0	61
-	+	For example, since you navigated to the Lesson Planner	13	0	55
-	+	from the Standards Mastery report with a section selected	0	0	57
-	+	and an instructional unit scheduled for October 17,	0	0	51
-	+	the Lesson Planner displays the week of October 17	0	0	50
-	+	for your 2nd-period class only.	0	0	31
-	+		0	0	0
-	+	Each class is listed in a uniquely colored box in the Select Calendars area at the top.	0	0	88
-	+	However, you notice that these classes could be named better to help differentiate their calendars. All of your English 8 calendar boxes are labeled	0	0	212

ALWAYS LEARNING

PEARSON

DOM Busters

- Edit ON: `javascript:document.body.contentEditable = 'true'; document.designMode='on'; void 0`
- Edit OFF: `javascript:document.body.contentEditable = 'false';document.designMode='off'; void 0`



mLG's for Teaching and Learning



ILT and DL



- Instructor-Led Training
 - Group Activities – Widgets
 - At-home Refreshers
- Distance Learning
 - Product Training
 - Professional Development
 - Free, Downloadable, Auto-updates

Product Roadmap



Universal mLearning Guide

The screenshot displays the 'PowerSchool 7.6 Student Information System' interface for the 'PSU Summer 2013' session. The top navigation bar includes a 'Learning GUIDES' logo and a series of tabs: 'All', 'Topics', 'Role', and a set of letters 'i', 'A', 'D', 'G', 'P', 'S'. The main content area features a grid of nine tiles. The first tile on the left is a light blue circle with a white lowercase 'i'. The remaining eight tiles are dark blue with white text, arranged in two rows. The top row contains: 'Attendance Reports', 'Decipher and Use PowerSchool Codes' (highlighted with a mouse cursor), 'GPA and Honor Roll: Introduction', and 'PowerTeacher Gradebook Part One'. The bottom row contains: 'PowerTeacher Gradebook Part Two', 'Preparing for End of Year', 'Standards-based Grading Setup', and 'System Administrator: System Settings'. The footer consists of a dark blue bar with 'ALWAYS LEARNING' on the left and the 'PEARSON' logo on the right.

PowerSchool
7.6 Student Information System

Learning GUIDES



PSU Summer 2013

All Topics Role i A D G P S

- Attendance Reports
- Decipher and Use PowerSchool Codes
- GPA and Honor Roll: Introduction
- PowerTeacher Gradebook Part One
- PowerTeacher Gradebook Part Two
- Preparing for End of Year
- Standards-based Grading Setup
- System Administrator: System Settings

ALWAYS LEARNING PEARSON

Universal mLearning Guide

Sample Guide


Introduction

PowerSchool has several methods for calculating grade point averages (GPAs), honor rolls, and class rank. This course introduces you to the methods used for defining these academic measurements.

After completing this course, you will be able to:

- Describe the elements of GPA calculations
- Create GPA formulas, GPA calculation methods, and honor roll methods
- Display GPAs and honor roll records on reports and form letters
- Set up class rank

Exercise 1 – Poll



This is a caption for the widget.

GPA Overview

Universal mLearning Guide

The screenshot displays the Universal mLearning Guide interface. On the left is a dark sidebar with a 'Table of Contents' header and a list of topics: Introduction, GPA Overview, GPA Formulas, Troubleshooting GPAs, Grade Scale Setup, GPA Data Access Tags, and Honor Roll and Class Rank. The main content area has a blue header with a hamburger menu icon and the text 'Sample Guide'. Below this, the 'Introduction' section is visible, featuring a title, a paragraph about PowerSchool's GPA calculation methods, and a bulleted list of learning objectives. The 'GPA Overview' section is partially visible at the bottom.

Table of Contents

- Introduction
- GPA Overview
- GPA Formulas
- Troubleshooting GPAs
- Grade Scale Setup
- GPA Data Access Tags
- Honor Roll and Class Rank

Sample Guide

Introduction

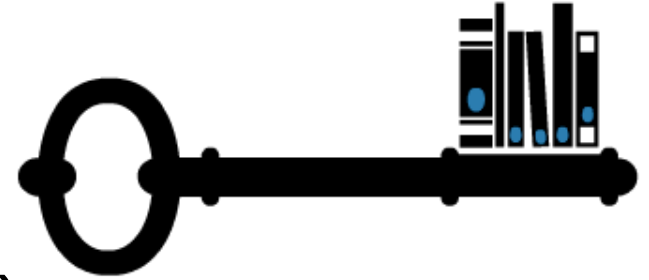
PowerSchool has several methods for calculating grade point averages (GPAs), honor rolls, and class rank. This course introduces you to the methods used for defining these academic measurements.

After completing this course, you will be able to:

- Describe the elements of GPA calculations
- Create GPA formulas, GPA calculation methods, and honor roll methods
- Display GPAs and honor roll records on reports and form letters
- Set up class rank

GPA Overview

Lessons Learned



- Bootstrap Framework (Open Source)
- Customizable
- Flexible and Responsive
- Downloadable and Available Offline
- Interactive
- Rapid Development Widgets
- Developer Tools
- ILT or Asynchronous Learning

Resources

Bootstrap

<http://getbootstrap.com/2.3.2/index.html>

Neo

<https://neo.pearson.com/groups/psu-mlearning-guides-team/projects/mlearning-guides>

iBooks Asset Guide

<https://neo.pearson.com/docs/DOC-269063?uploadSuccess=true>





PowerSchool

Student Information System

PowerSchool Student and Parent Portals

PEARSON

<http://goo.gl/OT2BJC>



ALWAYS
LEARNING