

*Confidential*

**CompassLearning Odyssey®  
Manager  
Version 9.0**

**Functional Requirements  
Specifications**

*December 16, 2004*

**Draft 11**

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# 1 Revision History

Sections are listed as Edited only when substantive changes have been made to their contents, including updated screenshots. Rephrasing, correction of spelling errors, and so on do not qualify as editing for the purposes of this table.

DATE	NAME	CHANGES
Sept 29, 2004	Jim Groves	Original draft 3.1 Redesigned Student Portfolio
October 8, 2004	Jim Groves	Draft 2 Added: 3.2 Enrollment Report Edited: 3.1 Redesigned Student Portfolio
October 15, 2004	Jim Groves	Draft 3 Added: 3.3 Addition of time zone functionality Edited: 3.1 Redesigned Student Portfolio 3.2 Enrollment Report
October 25, 2004	Jim Groves	Draft 4 Added: 3.4 Age-appropriate Student Launch Pad Interfaces 3.5 Graphical display in Objective-based Test Results Reports Edited: 3.2 Enrollment Report 3.3 Addition of time zone functionality
October 28, 2004	Jim Groves	Draft 5 Added: na Edited: 3.1 Redesigned Student Portfolio 3.2 Enrollment Report 3.4 Age-appropriate Student Launch Pad Interfaces 3.5 Graphical display in Objective-based Test Results Reports
November 4, 2004	Jim Groves	Draft 6 Added: na Edited: 3.1 Redesigned Student Portfolio 3.2 Enrollment Report 3.4 Age-appropriate Student Launch Pad Interfaces
November 11, 2004	Jim Groves	Draft 7 Added: na Edited: 3.1 Redesigned Student Portfolio 3.2 Enrollment Report 3.3 Addition of time zone functionality 3.4 Age-appropriate Student Launch Pad Interfaces
November 18, 2004	Jim Groves	Draft 8 Added: na Edited: 3.1 Redesigned Student Portfolio 3.2 Enrollment Report 3.3 Addition of time zone functionality 3.4 Age-appropriate Student Launch Pad Interfaces 3.5 Graphical display in Objective-based Test Results Reports

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DATE	NAME	CHANGES
December 2, 2004	Jim Groves	Draft 9 Added: 3.6 Uploading and Attaching Sound Files in Item Builder 3.7 Changes to the Duration Report 3.8 Changes to the Class Progress Module Edited: 3.1 Redesigned Student Portfolio 3.3 Addition of time zone functionality 3.4 Age-appropriate Student Launch Pad Interfaces 3.5 Graphical display in Objective-based Test Results Reports
December 9, 2004	Jim Groves	Draft 10 Added: Edited: 3.1 Redesigned Student Portfolio 3.7 Changes to the Duration Report
December 15, 2004	Jim Groves	Draft 11 Added: Edited: 3.1 Redesigned Student Portfolio 3.7 Changes to the Duration Report

## 2 Executive Summary

### 2.1 Document Background

This document is derived from the Marketing Requirements document, written by Marjorie Reynolds; from the Project Plan, written by Mary Beth Donnelly; from the Student Portfolio document, written by Natalia Ratushna and Rick Tauber; and from the Student Portfolio prototype, created by Mike Eakes.

A team of individuals representing Product Marketing and Product Development helped to create and have reviewed this document. Team members include Marjorie Reynolds (Product Manager), Mary Beth Donnelly (Senior Project Manager), John Lane (Project Manager), Shawn Morrow (Manager, Engineering Services), Erik Peterson (Senior Software Engineer), and Jim Groves (Technical Writer).

### 2.2 Document Purpose

The purpose of this document is to describe selected new and enhanced features and functionality to be included in version 9.0 of the CompassLearning Odyssey® Manager. The specifications in this document are not, nor are they intended to be, inclusive of the functional specifications for the entire Odyssey 9.0 product. These additions and enhancements will provide CompassLearning Odyssey Manager with the baseline functionality necessary to broaden its market desirability. CompassLearning Odyssey Manager version 9.0 is scheduled for release in December 2004.

This document is intended for use by the design and development teams assigned to this project, although other individuals in CompassLearning®, WRC Media®, or their partner organizations may need to see the document as well. This document may not be distributed outside of the CompassLearning organization without the prior approval of Ann Henson (Vice President, Curriculum and Instruction) and Marilyn Quinsaatt (Senior Vice President, Product Development). This document may not be distributed outside of the WRC Media organization without the prior approval of Rajeev Puri (President, CompassLearning).

## 2.3 Product Purpose

CompassLearning Odyssey Web Manager version 9.0 is the foundation of the CompassLearning diagnostic-prescriptive solution, which assesses students, diagnoses their strengths, and prescribes specific instruction targeting the areas of non-mastery. Odyssey Manager encourages data-driven decision making for both teachers and administrators with powerful reports that are available in aggregated or disaggregated formats. This directly addresses the NCLB requirements while allowing in-depth analysis of performance by students, teachers, and schools.

This version of CompassLearning Odyssey Web Manager will be deployable in the Application Service Provider (ASP) model. This product will support Microsoft® Windows® and Macintosh® client operating systems, and Netscape® Navigator®, Microsoft Internet Explorer, and Safari browsers. This version of CompassLearning Odyssey Manager will continue to take the steps necessary for future compliance with education and technology industry standards and legal requirements, as defined by the Schools interoperability Framework, various federal accessibility laws, and the Shareable Courseware Object Reference Model.

## 3 Functionality Additions and Changes

CompassLearning Odyssey version 9.0 will fulfill the following enhancement requirements:

- Redesigned Student Portfolio (Section 3.1, page 5)
- Enrollment Report (Section 3.2, page 18)
- Addition of time-zone functionality (Section 3.3, page 23)
- Age-appropriate interfaces for the student launch pad (Section 3.4, page 26)
- Graphical display in Objective-based Test Results reports (Section 3.5, page 27)
- Uploading and attaching sound files in Item Builder (Section 3.6, page 30)
- Changes to the Duration Report (Section 3.7, page 31)
- Changes to the Class Progress Module (Section 3.8, page 32)

### 3.1 Redesigned Student Portfolio

The Student Portfolio will be completely redesigned to address reports from students and parents that the module is difficult to navigate and that locating information requires an understanding of the Odyssey assignment hierarchy. The redesign will include age-appropriate icons and navigation bar. Some functionality will be user-role dependent. Time-zone functionality will be added. The module will also be rewritten in .NET for better compatibility with the Odyssey Manager application.

#### 3.1.1 Expected Audience

- Manager (setting the time zone)
- District administrator (setting the time zone)
- School administrator (setting the time zone)
- Parent (viewing child's progress)
- Student (viewing progress)

### 3.1.2 Functionality/Features

The Student Portfolio will be available to both students and parents. Students will access the Student Portfolio by clicking the Student Portfolio icon on the student launch pad. Parents will access the Student Portfolio by going to <http://www.compasslearningodyssey.com> and logging in with their assigned parent user name and password.

Student Portfolio is the only Odyssey module parents will be able to access.

Screens throughout the Student Portfolio will have a uniform layout: a narrow left pane displaying brief instructions and selection buttons, and a large right pane containing the student work and assignment information in tabular form.

The default sort orders for tables will be as follows:

- Recent Work and Assignments In Progress—by date (most recent to oldest), then by activity or assignment name (alphabetical, A to Z)
- Assignment Detail—by the order in which tasks appear in the assignment
- Attendance Report—by session date (most recent to oldest)
- Duration Report—grouped by subject, alphabetically, A to Z. Within each subject, activities will be sorted by date/time the activity was last worked on, descending from the most recent to the oldest.
- Student Score Report—grouped by subject/level: subject, alphabetically, A to Z; then level, lowest to highest. For example, Language Arts Level 3, Language Arts Level 4, Math Level 3, and so on. Activities will be sorted by date/time the activity was last worked on, descending from most recent to oldest.

Columns in Recent Work and Assignments in Progress tables will be sortable by clicking the column heading. The default sort orders for the first single-click and then the second single-click are as follows:

- Date or Session Date—oldest to most recent, then most recent to oldest
- Activity Name or Subject—alphabetical, A to Z; then Z to A
- Level—numerical, lowest to highest; then highest to lowest
- Score—numerical highest to lowest; then lowest to highest. N/A will appear at the bottom in the the high-to-low sort, and at the top in the low-to-high sort.
- Status—complete to incomplete, then incomplete to complete

Columns will not be sortable in the Assignment Detail table and in all report tables.

The following buttons will appear on all screens, in the same locations:

- Icon Key. Accesses the Icon Key. Appears in the lower part of the left pane.
- Help button. Accesses the Student Portfolio Quickstart PDF. Appears in the upper right, level with the tabs.

Print functionality will be as follows:

- In the Recent Work and Reports component, clicking Print calls the Print dialog box, in which the user clicks OK to print the contents of the displayed table.
- In the Assignments component, clicking Print opens a new window displaying the contents of the referenced table, including content out of view in a scrolling table. The new window will have a print button, which will print the table on press, and a close button to close the window.

- In the Assignments component, when assignments details are displayed, each of the two tables on the screen will have a print button.

The Student Portfolio Quick Start will be rewritten for the 9.0 release. There will be two different versions: one for parents and one for students. The Quick Start PDFs will be accessed by the Help button, available on all pages of the Student Portfolio. The Help button link will be user-dependent, calling the parent Quick Start PDF for parent users, and calling the student Quick Start PDF for student users.

The Student Portfolio module will contain three main components, accessed by tabs along the top:

- Recent Work
- Assignments
- Reports

### 3.1.2.1 Recent Work

Recent Work will be the default component displayed when the user enters the Student Profile.

The left pane will display the student's last login date, Today, Week, and Month selection buttons, and the Icon Key button.

Recent work information will appear in a fixed table in the right pane. A vertical scroll bar will appear if the content exceeds the fixed space.

The default sort order in the table is by activity name in descending order from the most recent to the oldest.

Recent work will be viewable for three time periods: Today, Week, and Month.

**Table 1:** Recent Work Periods

SELECTION	PERIOD COVERED
Today	All work done today up to the time Student Portfolio is accessed
Week	All work done during the past seven days plus any work done today up to the time Student Portfolio is accessed. For Example, Wednesday through Wednesday.
Month	All work done during the past 31 days plus any work done today up to the time Student Portfolio is accessed.



Today will be the default time period. The time periods will be selected with buttons in the left pane.

Today (default)

**Graham Heath (graham33)'s Recent Work for today 11/24/2004**

Activity Name	Type	Subject	Date	Score	Status
A Delicious Dish - 56315	MA	MA	11/24/04	N/A	
Probability - 8143	MA	MA	11/24/04	N/A	
Lesson Quiz: Predicate Adjectives	LA	LA	11/24/04	90%	
Reviewing Predicate Adjectives					
Lesson Quiz: Rational Numbers					

**Graham Heath (graham33)'s Recent Work for period 11/17/2004 to 11/24/2004**

Activity Name	Type	Subject	Date	Score	Status
A Delicious Dish - 56315	MA	MA	11/24/04	N/A	
Probability - 8143	MA	MA	11/24/04	N/A	
Lesson Quiz: Predicate Adjectives	LA	LA	11/24/04	90%	
Reviewing Predicate Adjectives - 5220	LA	LA	11/24/04	N/A	
Lesson Quiz: Rational Numbers Properties	MA	MA	11/24/04	30%	
Lesson Quiz: Valid and Invalid Arguments	MA	MA	11/22/04	90%	
It's Debatable - 56319	MA	MA	11/22/04	100%	
Figure Me Out! - 40792	LA	LA	11/22/04	N/A	
Story The Queen and the Crocodile - 34256	LA	LA	11/19/04	N/A	
Rational Numbers Properties II - 8107	MA	MA	11/19/04	N/A	
Predicate Adjectives - 5206	LA	LA	11/24/04	N/A	
Reviewing Similes and Metaphors - 584	LA	LA	11/19/04	N/A	
Lesson Quiz: Similes & Metaphors	LA	LA	11/19/04	N/A	
Explorer 5 WA & Vocab III Test	LA	LA	11/19/04	80%	
Rational Numbers Properties I - 8065	MA	MA	11/19/04	N/A	

If there are no results for the selected time period, the page will not display a table. Instead, a message will appear informing the user that no results exist. The message will be specific to the selected time period.

The Recent Work table will contain six columns:

- **Activity Name**—Displays the learning activity name followed by the activity number. The column will be sortable by activity name, both A–Z and the reverse.  
The learning activity number will be clickable and hot for parents, allowing parents to preview learning activities. Students will not be able to preview learning activities.
- **Type**—Displays the activity type icon: learning activity, lesson quiz, chapter test, and objective-based test. Icons will be those currently used in Odyssey 8.0.
- **Subject**—Displays the abbreviated name of the subject the activity is in. The column will be sortable, both A–Z and the reverse.
- **Date**—Displays the date for the last time the student accessed the activity. The column will be sortable, both most recent to oldest and the reverse. Date will be the default column by which the table is sorted on page initialization.
- **Score**—Displays scores for completed learning activities, quizzes, and tests. N/A appears for nonscored activities and for those not completed. The column will be sortable, both highest to lowest score and the reverse. N/A will appear below the lowest score and above the highest.  
Quiz and test scores will be clickable and hot for students and parents. Clicking the score link for quizzes and chapter tests displays the results page currently used in Odyssey 8.0 that shows student results. Clicking the score link for objective-based tests will display the Explorer detail score window. Learning activity scores will not be clickable or hot.

- **Status**—Displays the status icons: Complete and Incomplete. The column will be sortable, both Complete to Incomplete and the reverse. Icons will be those currently used in Odyssey 8.0.

Clicking Print in any of the three screens—Today, Week, or Month—opens the Print dialog box, in which the user clicks OK to print the contents of the referenced table, including content out of view in a scrolling table.

### 3.1.2.2 Assignments

The Assignments component will be accessed by clicking the Assignments tab.

The left pane will display instructions for the details link and three category buttons:

- **In Progress**—Displays all assignments not completed (started but not completed) for the past 366 days. In Progress is the default category.
- **Completed**—Displays all completed assignments for the past 366 days.
- **All**—Displays all assignments for the past 366 days.

The Icon Key button will appear at the bottom of the pane.

Assignments will be viewable in three categories: In Progress, Completed, and All. The categories will be selected with buttons in the left pane. In Progress will be the default category.

Assignment information will appear in two tables in the right pane, one above the other: Assignments (upper table) and Assignment Details (lower table).

Only the Assignments table will be displayed by default. The Assignment Details table will be accessible by clicking a details link in the Assignments table.

The Assignments table will be fixed. A vertical scroll bar will appear if the content exceeds the fixed space.

The Assignment Details table will expand vertically to accommodate content. Assignment tasks will be sorted by the order in which they appear in the assignment.

The default sort order in the Assignments table will be by the assigned date, in descending order from the most recently assigned to the oldest assigned.

In the Assignments table, if the user attempts to sort by a column in which all displayed data are identical (e.g., same teacher name, same date), the table will display the default sort order.

The default sort order in the Assignment Details table will be by the order in which Tasks appear in the assignment.

#### 3.1.2.2.1 Assignments table

The Assignments table will contain seven columns. The columns will be uniform for all three categories:

- **Details**—Displays the details link. The link will be clickable and hot for students and parents. Clicking the button displays a second table—Assignment Details—in the lower part of the pane containing score and status information about the selected assignment.
- **Assignment Name**—Displays the name of the assignment. The column will be sortable, both A–Z and the reverse. Assignment names will not be hot or clickable.
- **Subject**—Displays the name of the subject in which the assignment was categorized. The column will be sortable, both A–Z and the reverse.

- **Date**—Displays the date the student was assigned the assignment. The column will be sortable, both most recent to oldest and the reverse. Date Assigned will be the default column by which the table is sorted on page initialization. The sort order in the table is descending, from the most recently assigned to the oldest assigned. The date range will be 365 days.
- **Level**—Displays the grade level of the assignment. The column will be sortable, from highest to lowest and the reverse.
- **Status**—Displays the status icons: Complete and Incomplete. The column will be sortable, both Complete to Incomplete and the reverse. Icons will be those currently used in Odyssey 8.0.
- **Teacher**—Displays the last name of the teacher who assigned the assignment. The column will be sortable, both A–Z and the reverse.

**Graham Heath (graham33)**  
Student Portfolio

Recent Work | **Assignments** | Reports | Help

Click the details link to view assignment activities.

In Progress | Completed | All

**Assignments In Progress:**

Assignment Name	Subject	Date	Level	Status	Teacher
<a href="#">Details</a> Probability	Math	11/19/04	8	<input type="checkbox"/>	Raikonnen
<a href="#">Details</a> Rational Number Properties	Math	11/19/04	8	<input type="checkbox"/>	Raikonnen
<a href="#">Details</a> Reading	Language Arts	11/19/04	4	<input type="checkbox"/>	Raikonnen
<a href="#">Details</a> Tales	Language Arts	11/19/04	3	<input type="checkbox"/>	Raikonnen
<a href="#">Details</a> new logic test	Math	11/19/04	5	<input checked="" type="checkbox"/>	Nava
<a href="#">Details</a> The Gym	ELL Elementary	08/23/04	8	<input type="checkbox"/>	Raikonnen
<a href="#">Details</a> Algebraic expressions	Math	07/02/04	5	<input type="checkbox"/>	Nava
<a href="#">Details</a> Algebra 7 test	Math	07/02/04	7	<input type="checkbox"/>	Raikonnen
<a href="#">Details</a> Explorer 5 WA & Vocab Test	Language Arts	07/02/04	5	<input checked="" type="checkbox"/>	Raikonnen
<a href="#">Details</a> Integers and numbers	Math	07/02/04	7	<input type="checkbox"/>	Nava

Clicking Print opens a new window displaying the contents of the referenced table, including content out of view in a scrolling table. The new window will have a print button, which will print the table on press, and a close button to close the window.

#### 3.1.2.2.2 Assignment Details table

The Assignment Details table will contain five columns:

- **Type**—Displays the activity type icon: learning activity, lesson quiz, chapter test, and objective-based test. Icons will be those currently used in Odyssey 8.0.
- **Task**—Displays the names of activities (learning activities, chapter tests, lesson quizzes) that comprise the selected assignment. Task will be the default column by which the table is sorted on table initialization. Tasks is sorted by the order in which tasks appear in the assignment.  
The learning activity number will be clickable and hot for parents, allowing parents to preview learning activities. Students will not be able to preview learning activities.
- **Score**—Displays scores for completed learning activities, quizzes, and tests. N/A appears for nonscored activities and for those not completed.  
Quiz and test scores will be clickable and hot for students and parents. Clicking the score link for quizzes and chapter tests displays the results page currently used in Odyssey 8.0 that shows student results. Clicking the score link for objective-based tests will display the Explorer detail score window. Learning activity scores will not be clickable or hot.
- **Date**—Displays the date the student completed the task.

- **Status**—Displays the status icons: Complete and Incomplete. Icons will be those currently used in Odyssey 8.0.

**Assignments In Progress:**

Assignment Name	Subject	Date	Level	Status	Teacher
<a href="#">Details</a> Probability	Math	11/19/04	8	<input type="checkbox"/>	Raikkonen
<a href="#">Details</a> Rational Number Properties	Math	11/19/04	8	<input type="checkbox"/>	Raikkonen
<a href="#">Details</a> Reading	Language Arts	11/19/04	4	<input type="checkbox"/>	Raikkonen
<a href="#">Details</a> Tales	Language Arts	11/19/04	3	<input type="checkbox"/>	Raikkonen
<a href="#">Details</a> new logic test	Math	11/19/04	5	<input checked="" type="checkbox"/>	Nava
<a href="#">Details</a> The Gym	ELL Elementary	08/23/04	8	<input type="checkbox"/>	Raikkonen
<a href="#">Details</a> Algebraic expressions	Math	07/02/04	5	<input type="checkbox"/>	Nava
<a href="#">Details</a> Algebra 7 test	Math	07/02/04	7	<input type="checkbox"/>	Raikkonen
<a href="#">Details</a> Explorer 5 WA & Vocab Test	Language Arts	07/02/04	5	<input checked="" type="checkbox"/>	Raikkonen
<a href="#">Details</a> Integers and numbers	Math	07/02/04	7	<input type="checkbox"/>	Nava

**Assignment Detail: Explorer 5 WA & Vocab Test**

Type	Task	Score	Date	Status
40792	Explorer 5 WA & Vocab III Test	80%	11/19/04	<input checked="" type="checkbox"/>
584	Figure Me Out!	N/A	N/A	<input type="checkbox"/>
230	Reviewing Similes and Metaphors	N/A	11/19/04	<input checked="" type="checkbox"/>
508	Similes and Metaphors	N/A	N/A	<input type="checkbox"/>
221	Elements of a Story	N/A	N/A	<input type="checkbox"/>
	Literary Terms	N/A	N/A	<input type="checkbox"/>

Clicking Print for Assignment Details opens a new window displaying the contents of the referenced table, including content out of view in a scrolling table. The new window will have a print button, which will print the table on press.

### 3.1.2.3 Reports

The Reports component will be accessed by clicking the Reports tab. The tab will be available to students and parents, but student access will be limited to the Student Score report.

A **left pane** will be common to all reports and will display a bordered area containing the filters necessary for creating the available reports. The date filter will be the same for all reports. The availability of other filters in the pane will vary according to the report. The full set of filters possible will be as follows:

- Report drop-down menu. The menu options will be
  - ▶ Attendance
  - ▶ Duration
  - ▶ Student Score
- Subject drop-down menu. The menu options will be
  - ▶ All
  - ▶ Algebra
  - ▶ Brain Buzzers
  - ▶ ELL Elementary
  - ▶ ELL Secondary
  - ▶ Language Arts
  - ▶ Math
  - ▶ PlayBox Theme Time
  - ▶ Science
  - ▶ Social Science
  - ▶ Thematic Projects

- Activity Type drop-down menu. The menu options will be
  - All
  - Chapter Tests
  - Learning Activities
  - Lesson Quizzes
  - Objective-based Test
- Date filter area. Date filters will comprise radio buttons for
  - 1 Week (All work done during the past seven days plus any work done today up to the time Student Portfolio is accessed. For Example, Wednesday through Wednesday.)
  - 1 Month (All work done during the past 31 days plus any work done today up to the time Student Portfolio is accessed.)
  - Enter Date Range  
Selecting Enter Date Range will activate From and To fields. Clicking the icon beside each field will open a pop-up calendar, in which the user selects a date.
- Generate button. After selecting all report filters, the user will click Generate to view the report.

An Icon Key button will appear at the bottom of the pane. Clicking this button displays the icon Key in a pop-up window.

A **right pane** will be common to all reports and will comprise a description/results display frame that will alternate between Reports home page descriptive text, different for students and parents, and report results, which vary with the report type. The reports home page descriptive text will appear on page initialization and following the closing of any displayed report. Report results (or an error message) will appear when the Generate button is clicked. If the selection criteria for the report are incomplete, an error message will appear indicating which option needs to be completed. All reports will display Print and a Close buttons.

The Reports home page text will be user-dependent.

- For parents, the home page text will be similar to that appearing on the Odyssey 8.0 Reports home page. There will be a welcome appropriate to parents, a brief description of each report, and instructions to select a report type from the drop-down menu in the left pane.

Graham Heath (graham33)  
Student Portfolio

Recent Work Assignments Reports Help

**Report Criteria**

Report Type  
Select Report

**Welcome to the Parent's Report Module**

Here you can run reports on your student's performance in CompassLearning Odyssey. Read about the available reports below, and then select a report in the menu on the left. All reports can be printed.

**Attendance Report:** For any time period you select, this report shows how often your student has done work in the system each day and for how long each day.

**Duration Report:** For any time period you select, this report shows all the activities your student has completed and the time spent on each. You can view the activities and your student's answers on quizzes and tests.

**Student Score Report:** For any time period and subject you select, this report shows all the activities your student has completed, along with the time spent on each and the score. You can view your student's answers on quizzes and tests.

Icon Key

- For students, the home page text will contain a brief description of the Student Score Report and instructions to select a subject and date range in the left pane and then click Generate.

The following information (if applicable) is common to all reports and will be displayed in a “header” section across the top of the report content table:

- Report Type & Student Name
- Date Generated
- Subject
- Activity Type
- Date Range

A Print button will appear above the header section. Clicking Print opens the Print dialog box, in which the user clicks OK to print the contents of the referenced table, including content out of view in a scrolling table.

The student results displayed in each report will appear in tabular form beneath the header and will vary in content depending on the report type.

#### 3.1.2.3.1 Attendance report

The Attendance report is available to parents only.

When the user selects Attendance in the Report drop-down menu, the date filter section will appear. Once the date selection criteria are complete, the Generate button will appear. Clicking the Generate button displays the report in the right pane, replacing the home-page text. The report will have Print and Close buttons.

The Attendance report will display information in the following three columns:

- Session Date—The report will be sorted by date, with the most recent at the top.
- Number of Logins—The number of logins for each date.
- Total Time (hh:mm:ss)—The total of session times for each date, displayed as hh:mm:ss.

Grand totals for the selected or entered date range will appear in a bottom row for the Total Logins and Total Time columns.

The Attendance Report is sorted by session date, descending from the most recent to the oldest.

**Rey Nunez (reyn)**  
Student Portfolio

Recent Work | **Assignments** | Reports | Help

**Attendance Report: Rey Nunez (reyn)** [Print] [Close]

Date Range: 02/02/2004 - 11/19/2004      Report Date: 11/19/2004

Session Date	Number of Logins	Total Time (hh:mm:ss)
11/18/2004	10	01:07:04
10/27/2004	1	00:00:01
10/13/2004	1	00:00:03
10/7/2004	2	00:04:29
8/24/2004	1	00:00:10
8/19/2004	2	00:03:15
8/17/2004	2	00:08:49
8/16/2004	1	00:03:42
8/14/2004	3	00:11:51
8/5/2004	1	00:00:01
<b>Total:</b>	<b>24</b>	<b>01:39:25</b>

**Report Criteria**

Report Type: Attendance

☐ For 1 Week  
☐ For 1 Month  
☒ Enter Date Range

From: 02/02/2004 To: 11/19/2004

[Generate]

### 3.1.2.3.2 Duration report

The Duration report is available to parents only.

When the user selects Duration in the Report drop-down menu, the Subject drop-down menu and the date filter section will appear. Once all selection criteria are complete, the Generate button will appear. Clicking the Generate button displays the report in the right pane, replacing the home-page text. The report will have Print and Close buttons.

The report will be grouped by subject, alphabetically, A to Z. Within each subject, activities will be sorted by date/time the activity was last worked on, descending from the most recent to the oldest.

The Duration report will display information in the following four columns:

- **Activities**—Activity type icon, name of the activity, and activity number (aka activity code).
  - ▶ Activity number will be clickable and hot for parents. Clicking the number will open a preview window for the learning activity.
  - ▶ Chapter test name will be clickable and hot for parents. Clicking the name will open an answer key window.
  - ▶ Lesson quiz name will be clickable and hot for parents. Clicking the name will open an answer key window.
- **Time/Date**—Date and time the activity was completed, expressed as mm/dd/yyyy hh:mm:ss. Time will be in the user's time zone.
- **Level**—Grade level of the activity.
- **Number of Completions**—Number of times the activity has been completed.
- **Time On Task (hh:mm:ss)**—Total time to complete the activity, displayed as hh:mm:ss. Multiple times are added together.

The report will be grouped alphabetically by subject. All levels the student has worked on in a particular subject will be displayed before the next subject appears. Each subject the student has



worked in for the specified date range will be in a separate table. Each subject table will display a grand total for the time on task for that subject.

**Report Criteria**

Report Type:

Subject:

☐ For 1 Week  
☒ For 1 Month  
☐ Enter Date Range

**Generate**

**Duration Report: Graham Heath (graham33)** **Print** **Close**

Date Range: 10/24/2004 - 11/24/2004  
 Subject: All Subjects  
 Report Date: 11/24/2004

Language Arts				
Activities	Date/Time	Level	Number of Completions	Time on Task (hh:mm:ss)
Predicate Adjectives	11/24/2004 9:57:19 AM	5	1	00:02:47
Reviewing Predicate Adjectives <a href="#">5220</a>	11/24/2004 9:54:31 AM	5	1	00:00:10
Predicate Adjectives <a href="#">5206</a>	11/24/2004 9:54:16 AM	5	1	00:00:21
Reviewing Similes and Metaphors <a href="#">584</a>	11/19/2004 11:09:01 AM	4	1	00:01:44
<b>Total Time spent in Language Arts</b>				<b>00:05:02</b>

Math				
Activities	Date/Time	Level	Number of Completions	Time on Task (hh:mm:ss)
Rational Numbers Properties	11/24/2004 9:52:45 AM	8	1	00:00:32
Valid and Invalid Arguments	11/22/2004 1:13:01 PM	5	1	00:03:20

### 3.1.2.3.3 Student Score report

The Student Score Report is available to parents and to students.

When the user selects Student Score in the Report drop-down menu, the Subject and Activity Type drop-down menus and the date filter section will appear. Once all selection criteria are complete, the Generate button will appear. Clicking the Generate button displays the report in the right pane, replacing the home-page text. The report will have Print and Close buttons.

The report will be grouped by subject/level: subject, alphabetically, A to Z; then level, lowest to highest. For example, Language Arts Level 3, Language Arts Level 4, Math Level 3, and so on. Activities will be sorted by date/time the activity was last worked on, descending from most recent to oldest.

Each subject table will be divided horizontally, displaying individual activity information above and summary information below.

The **upper** section will display individual activity information in the following five columns:

- **Activities**—The activity type icon, name of the activity, and activity number (aka activity code).
  - Activity number will be clickable and hot for parents. Clicking the number will open a preview window for the learning activity.
  - Chapter test name will be clickable and hot for parents. Clicking the name will open an answer key window.
  - Lesson quiz name will be clickable and hot for parents. Clicking the name will open an answer key window.
- **Date/Time**—Date the activity was completed. Time will be in the user's time zone.
- **Score**—Activity, quiz, and test scores. Scores will be clickable and hot for students and parents.
  - Clicking a lesson quiz score opens the Question and Response window, which displays the quiz questions and the student's correct and incorrect responses.
  - Clicking a chapter test score opens the Question and Response window, which displays the test questions and the student's correct and incorrect responses.



- ▶ Clicking an objective-based test score opens the Objective-based Test Summary window, displaying the mastery and student scores for each objective in the test.
- Status—Graphical representation of the score. The column will contain colored horizontal bars, extending from the left, denoting the numerical score. There will be three colors, representing mastery (green), nonmastery (red), and scored learning activities (blue). There will be no bar for nonscored learning activities.
- Time on Task (hh:mm:ss)—The time required to complete the activity, expressed as hh:mm:ss.

The **lower** section will display summary information in the following five columns:

- Type—Names of the four different activity types: learning activity, lesson quiz, chapter test, and objective-based test.
- Number Complete—Number of activities completed for each activity type.
- Average—Average of scores achieved for each of the scored activity types.
- Status—Graphical representation of the average score. The column will contain colored horizontal bars, extending from the left, denoting the numerical score. There will be three colors, representing mastery (green), nonmastery (red), and scored learning activities (blue).
- Average Time—Average time spent on each of the activity types, expressed as hh:mm:ss. N/A will appear for an activity type in which no work was done or work was not completed during the specified date range.

**Student Score Report: Graham Heath (graham33)**

Date Range: 10/24/2004 - 11/24/2004      Report Date: 11/24/2004

Subject: All Subjects      Activity Type: All

Legend: ■ Mastered ■ Not Mastered ■ Score Only

Activities	Date/Time	Score	Status	Duration (hh:mm:ss)
<b>Language Arts 3</b>				
Explorer 5 WA & Vocab III Test	11/19/2004 11:06:45 AM	80%	<div style="width: 80%; background-color: blue;"></div>	00:05:34
<b>Language Arts 4</b>				
Reviewing Similes and Metaphors 584	11/19/2004 11:09:01 AM	N/A	N/A	00:01:44
<b>Language Arts 5</b>				
Predicate Adjectives	11/24/2004 9:57:19 AM	90%	<div style="width: 90%; background-color: green;"></div>	00:02:47
Predicate Adjectives 5206	11/24/2004 9:54:16 AM	N/A	N/A	00:00:21
Reviewing Predicate Adjectives 5220	11/24/2004 9:54:31 AM	N/A	N/A	00:00:10
Explorer 5 WA & Vocab III Test	11/19/2004 11:06:45 AM	80%	<div style="width: 80%; background-color: blue;"></div>	00:05:34

### 3.1.3 Process Flow

#### 3.1.3.1 Accessing the Student Portfolio

- The Student Portfolio will be accessed in two ways, depending on the user:
  - ▶ Student—Log in to CompassLearning Odyssey with the assigned student user name and password and then, at the student launch pad, click the My Portfolio icon.
  - ▶ Parent—Log in to CompassLearning Odyssey with the assigned parent user name and password.

**3.1.3.2 Recent Work component**

- 1 The Student Portfolio appears, defaulting to the Recent Work component, with today's work displayed by default.
- 2 Click Week to view work done during the past seven days plus any work done today up to the time Student Portfolio is accessed.
- 3 Click Month to view work done during the past 31 days plus any work done today up to the time Student Portfolio is accessed.
- 4 Parents click the activity number link to preview learning activities and to view quiz and test results.
- 5 Click the score link for quizzes and chapter tests to view result summaries.
- 6 Click the score link for objective-based tests to view test details.

**3.1.3.3 Assignment component**

- 1 Click the Assignments tab to view assignments.
- 2 The Assignments page appears, defaulting to the Assignments In Progress table.
- 3 Click Completed to view the student's completed assignments.
- 4 Click All to view all the student's assignments assigned during the past 365 days.
- 5 In any of the three upper tables, click a Details radio button to open a lower table displaying the activities in the selected assignment.
- 6 Click Print to print the table.
- 7 A new window appears, displaying the contents of the referenced table, including content out of view in a scrolling table.
- 8 Click Print in the new window.
- 9 The table is printed.

**3.1.3.4 Reports component**

- 1 Click the Reports tab to view reports.
- 2 The default reports home page appears, displaying content that is user dependent.
  - ▶ The parent reports home page contains a welcome, brief descriptions of the three reports available to parents, and instructions to select a report in the drop-down menu.
  - ▶ The student home page is the Student Score Report home page, containing a brief description of the Student Score Report and simple instructions for generating a report.
- 3 Select the desired options from the left pane and click Generate.
- 4 A new window opens, displaying the selected report.
- 5 Click Print to print the report.
- 6 Click Close to close the report window.

**3.1.4 Business Rules**

The Student Portfolio will be available to students and to parents with an assigned user name and password.

Parents will be able to view only their own child's Student Portfolio.

Activity numbers appearing in Student Portfolio pages and reports will be clickable and hot for parents only, allowing parents to preview learning activities. Students will not be able to preview learning activities.

Quiz and test scores will be clickable and hot for students and parents. Clicking the score link for quizzes and chapter tests displays the results page currently used in Odyssey 8.0 that shows student results. Clicking the score link for objective-based tests will display the Explorer detail score window. Learning activity scores will not be clickable or hot.

The time displayed in the Student Score Report will be from the time zone set in the account the student is in.

The Reports component will be available to students and parents, but student access will be limited to the Student Score report.

All reports will be printable.

## 3.2 Enrollment Report

An new report will be created to enable district administrators, administrators, and teachers to view student enrollment information. Availability of some filter and display options will be user dependent.

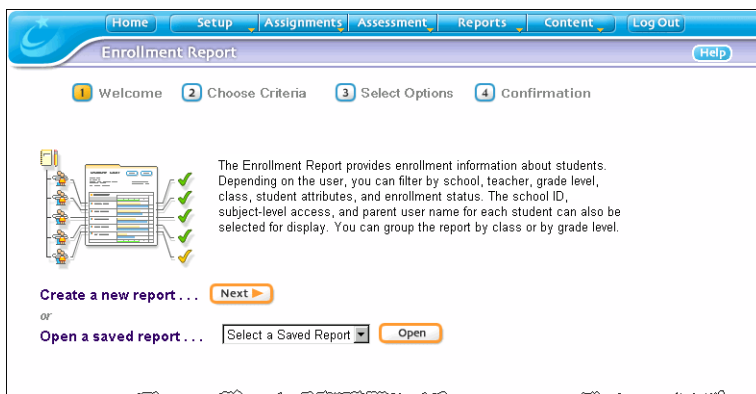
### 3.2.1 Expected Audience

- District Administrator (creating reports)
- Administrator (creating reports)
- Teacher (creating reports)

### 3.2.2 Functionality/Features

The Enrollment Report will be available to educator accounts only. Consumer accounts will not have the Enrollment Report.

The Enrollment Report will use the report wizard employed by all other Odyssey reports.



On the Enrollment Report home page, users will be able to select a saved report or start a new report.

### 3.2.2.1 Filter options

The second page of the wizard will present filter criteria. The page will contain drop-down menus to allow users to select options for filtering the report. There will be no defaults: users will have to select an option in each menu. Availability of filtering options will be user dependent, as follows.

- District administrator user:
  - School—All schools in the district or a specific school
  - Grade Level—All levels or a specific level
  - Status—Both enrolled and not enrolled, enrolled only, not enrolled only

*Note: “Enrolled” means enrolled in at least one class. “Not enrolled” means not enrolled in any class. “Enrolled/Not Enrolled” covers all students.*
- School administrator user:
  - Teacher—All teachers in the school or a specific teacher
  - Grade Level—All levels or a specific level
  - Status—Both enrolled and not enrolled, enrolled only, not enrolled only
- Teacher user:
  - Class—All the teacher’s classes or a specific class belonging to the teacher

All users will be able to filter by student attributes.

### 3.2.2.2 Display options

The third page of the wizard will present display options. The page will contain radio button options and check box options to allow users to select options for the report format and contents.

Availability of display options will be user dependent, as follows:

- **Group by**—District administrators and school administrators will have the following display-by-group options. The options will be presented by radio buttons. Teachers will not have display-by-group options.
  - Group by class (default)
  - Group by grade level
- **Show details**—All users will have display options for details. There will be a separate check box for each of the following details. All boxes will be unchecked by default.
  - School ID

- ▶ Parent user name
- ▶ Student attributes
- ▶ Subject level access

Enrollment Report

1 Welcome 2 Choose Criteria 3 Select Options 4 Confirmation

**Options:**

Select how to group the report:

☒ Group by class

☐ Group by grade level

Select details to appear in the report:

☐ School ID

☐ Parent User Name

☐ Student Attributes

☐ Subject Level Access

[Back](#) [Next](#)

The third page of the wizard will present a confirmation of the users selections. The page will contain edit buttons for making changes and interface for naming, saving, and generating the report filter.

Enrollment Report

1 Welcome 2 Choose Criteria 3 Select Options 4 Confirmation

[Edit](#) **Criteria:** Abraham Elementary, All levels

[Edit](#) **Attributes:** Female,

[Edit](#) **Options:** Show Details, Group by Class

Do you want to save this report? Name:

[Save Report](#) [Generate Report](#)

The report will appear in a new window, containing Print and Close buttons, and will look something like this:

www.CompassLearningOdyssey.com

Enrollment Report

PrintClose

Criteria:Class: Language Arts 1comDate: 12/1/2004

Options:Student School ID, Parent User Name, StudentReport Name: N/A

Attributes, Subject Level AccessGenerated by: Thomas Schenk

Student Attributes:  
None Selected

Austin Hills School

Class: Language Arts 1com

Teacher: Schenk, Thomas (tcombop)

Student Name	Grade	Student Details
Kalinnin, Mika (mika33)	8	Student School ID: Parent User Name: mikasdad Attributes: Subject Levels: AL, BB-7, EE-English, ES-English, LA-8, MA-8, SC-6, SS-7, TP-8
Ortiz, Ron (ron33)	8	Student School ID: Parent User Name: rondad Attributes: Subject Levels: BB-7, EE-Spanish, ES-Spanish, LA-8, MA-8, SC-6, SS-7, TP-8
Owen, Bronwyn (bron3)	8	Student School ID: Parent User Name: brondad Attributes: Subject Levels: AL, BB-7, EE-English, ES-English, LA-8, MA-8, SC-6, SS-6, TP-8
Salonen, Kimi (kimi33)	8	Student School ID: Parent User Name: salonen33 Attributes: Subject Levels: AL, BB-7, EE-English, ES-English, LA-8, MA-8, SC-6, SS-7, TP-8
Bilocki, Itsasne (itsi3)	8	Student School ID: Parent User Name: itsidad Attributes: Subject Levels: BB-7, LA-8, MA-8, SC-6, SS-7, TP-8
Heath, Graham (graham33)	8	Student School ID: Parent User Name: heath33 Attributes: Subject Levels: BB-7, LA-8, MA-8, SC-6, SS-6, TP-8
Sancho, Inaki (inaki3)	8	Student School ID: Parent User Name: inakidad Attributes: Subject Levels: BB-7, LA-8, MA-8, SC-6, SS-7, TP-8
Total Students: 7		

If non-enrolled students were selected for inclusion in the report, they will appear in a separate table at the end of the report.

Subject and level will appear in the table in abbreviated form. Abbreviations and their meanings will be as follows:

Table 2: Enrollment Report Subject-Level Abbreviations

ABBREVIATION	SUBJECT-LEVEL
LA-K, LA-1, LA-2 ... LA-12	language arts levels K through 12
MA-K, MA-1, MA-2 ... MA-12	math levels K through 12
SC-1, SC-2 ... SC-12	science levels 1 through 12
SS-2, SS-3 ... SS-12	social studies levels 2 through 12
TP-4, TP-5 ... TP-12	Thematic Research Projects levels 4 through 12
PB-P	PlayBox Theme Time level PreK

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**Table 2: Enrollment Report Subject-Level Abbreviations (Continued)**

ABBREVIATION	SUBJECT-LEVEL
BB-4, BB-5 ... BB-12	Brain Buzzers levels 4 through 12
AL	algebra (no level)
EE-English	ELL Elementary (no level), assistive language English
EE-Spanish	ELL Elementary (no level), assistive language Spanish
ES-English	ELL Secondary (no level), assistive language English
ES-Spanish	ELL Secondary (no level), assistive language Spanish

### 3.2.3 Process Flow

- 1 At the navigation bar, select Reports | Administration Reports | Enrollment Report.
- 2 The Enrollment Report home page appears.
- 3 Click Next.
- 4 The Choose Criteria page appears.
- 5 Depending on your user role, do one of the following:
  - ▶ District administrator—In the School drop-down menu, select all schools in the district or the desired school.
  - ▶ School administrator—In the Teacher drop-down menu, select all teachers in the school or the desired teacher.
  - ▶ Teacher—In the Classes drop-down menu, select all your classes or a specific class you own.
- 6 District administrators and school administrators—In the Grade Level drop-down menu, select all grades or the desired grade.
- 7 District administrators and school administrators—In the Status drop-down menu, select enrolled, not enrolled, or both enrolled and not enrolled.
- 8 If you wish to filter by student attributes, check the desired attributes.
- 9 Click Next.
- 10 The Select Options page appears.
- 11 District administrators and school administrators—Select whether to group by class or by grade level.
- 12 Check any of the details you wish to be displayed for each student:
  - ▶ School ID
  - ▶ Parent user name
  - ▶ Student attributes
  - ▶ Subject level access
- 13 Click Next.
- 14 The Confirmation page appears.
- 15 Review your selections and make any changes you want, using the Edit buttons or the navigation steps along the top.
- 16 If you have not selected any of the required elements for a report, a message informs you of the missing elements. You must complete all required elements before a report can be generated. Use the Edit button to return to the page on which you need to make a selection or use the steps along the top of the page.

- 17 Give the report a name, click Save Report if you wish to save the report, and click Generate Report.
- 18 A new window opens, displaying the Enrollment report.
- 19 Click Print to print the report.
- 20 The Print dialog box appears.
- 21 Click OK.
- 22 The report is sent to the printer.
- 23 Click Close to close the report window.
- 24 The report window closes.

### 3.2.4 Business Rules

The Enrollment Report will be available to educator accounts only. Consumer accounts will not have the Enrollment Report.

The Enrollment Report will be available to district administrators, administrators, and teachers.

Selection criteria will be different for each user type.

All users will be able to filter by student attributes.

All users will be able to select student attributes for display in the report.

Only district administrators and school administrators will be able to filter by enrollment status.

All users will be able to select display options.

When the Enrolled/Not Enrolled filter and the Group by class option are selected, the not enrolled class will be the last table displayed in the report.

## 3.3 Addition of time zone functionality

Functionality will be created for Odyssey 9.0 that allows managers and district administrators to set time zones for districts and schools, and allows account administrators to set time zones for own their schools. All world time zones will be available. All places within the manager that display start times or completion times will therefore display the correct time for the user's time zone.

### 3.3.1 Expected Audience

- Manager (setting time zones)
- District administrator (setting time zones and viewing reports)
- Administrator (setting time zones and viewing reports)
- Teacher (viewing reports)
- Parent (viewing reports)
- Student (viewing reports)



### 3.3.2 Functionality/Features

A Time Zone drop-down menu containing a worldwide list of 73 time zones will be added to the Contact pages in the setup wizards for Create District Account, Maintain District Account, Create Educator Account, and Maintain Educator Account. The list will contain duplicate offsets from GMT to account for different zone names used by various countries. The zones will be as follows:

**Table 3: Time Zones**

GMT OFFSET	ZONE NAME	GMT OFFSET	ZONE NAME
0:00	Greenwich Mean Time : Dublin, London	+09:00	Seoul
0:00	Casablanca, Monrovia	+09:00	Yakutsk
-01:00	Cape Verde Is.	+08:00	Perth
-01:00	Azores	+08:00	Kuala Lumpur, Singapore
-02:00	Mid-Atlantic	+08:00	Taipei
-03:00	Buenos Aires, Georgetown	+08:00	Irkutsk, Ulaan Bataar
-03:00	Greenland	+08:00	Beijing, Chongqing, Hong Kong, ...
-03:00	Brasilia	+07:00	Krasnoyarsk
-03:30	Newfoundland	+07:00	Bangkok, Hanoi, Jakarta
-04:00	Santiago	+06:30	Rangoon
-04:00	Caracas, La Paz	+06:00	Almaty, Novosibirsk
-04:00	Atlantic Time Canada	+06:00	Sri Jayawardenepura
-05:00	Eastern Time US & Canada	+06:00	Astana, Dhaka
-05:00	Bogota, Lima, Quito	+05:45	Kathmandu
-05:00	Indiana East	+05:30	Calcutta, Chennai, Mumbai, New Delhi
-06:00	Mexico City	+05:00	Ekaterinburg
-06:00	Central Time US & Canada	+05:00	Islamabad, Karachi, Tashkent
-06:00	Saskatchewan	+04:30	Kabul
-07:00	Mountain Time US & Canada	+04:00	Abu Dhabi, Muscat
-07:00	Arizona	+04:00	Baku, Tbilisi, Yerevan
-08:00	Pacific Time US & Canada, Tijuana	+03:30	Tehran
-09:00	Alaska	+03:00	Moscow, St. Petersburg, Volgograd
-10:00	Hawaii	+03:00	Kuwait, Riyadh
-11:00	Midway Island, Samoa	+03:00	Baghdad
-12:00	Eniwetok, Kwajalein	+03:00	Nairobi
+13:00	Nuku'alofa	+02:00	Bucharest
+12:00	Fiji, Kamchatka, Marshall Is.	+02:00	Cairo
+12:00	Auckland, Wellington	+02:00	Helsinki, Riga, Tallinn
+11:00	Magadan, Solomon Is., New Caledonia	+02:00	Harare, Pretoria
+10:00	Brisbane	+02:00	Jerusalem
+10:00	Canberra, Melbourne, Sydney	+02:00	Athens, Istanbul, Minsk
+10:00	Hobart	+01:00	Brussels, Copenhagen, Madrid, Paris
+10:00	Vladivostok	+01:00	Sarajevo, Skopje, Sofia, ...
+10:00	Guam, Port Moresby	+01:00	Belgrade, Bratislava, Budapest, ...
+09:30	Darwin	+01:00	Amsterdam, Berlin, Bern, Rome, ...
+09:30	Adelaide	+01:00	West Central Africa0:00
+09:00	Osaka, Sapporo, Tokyo		

Time zone will be a required setting.

Time zone functionality will not be available for consumer accounts.

Daylight saving time will not be an option for the 9.0 release.

Only managers will have the ability to set the local time zone when a new district or school is created.

Managers, district administrators, and school administrators will have the ability to set the local time zone for schools that already have accounts.

School administrators will have the ability to override time zone settings for their own schools entered by a manager or the district administrator.

### 3.3.3 Process Flow

#### 3.3.3.1 District account

##### 3.3.3.1.1 New account

- 1 In the navigation bar, click Setup.
- 2 Click New District.
- 3 At the Contact page, select the appropriate time zone from the Time Zone drop-down menu.
- 4 Proceed through the setup wizard and save the new account.

##### 3.3.3.1.2 Established account

- 1 In the navigation bar, click Setup.
- 2 Search for the desired district, and click the account name in the grid.
- 3 On the Account page, click the edit link beside the account name at the top of the page.
- 4 At the Contact page, select the appropriate time zone from the Time Zone drop-down menu.
- 5 Proceed through the setup wizard and save the account.

#### 3.3.3.2 Educator account

##### 3.3.3.2.1 New account

- 1 In the navigation bar, click Setup.
- 2 Click New Educator.
- 3 At the Contact page, select the appropriate time zone from the Time Zone drop-down menu.
- 4 Proceed through the setup wizard and save the new account.

##### 3.3.3.2.2 Established account

- 1 In the navigation bar, click Setup.
- 2 Search for the desired school, and click the account name in the grid.
- 3 On the Account page, click the edit link beside the account name at the top of the page.
- 4 At the Contact page, select the appropriate time zone from the Time Zone drop-down menu.
- 5 Proceed through the setup wizard and save the account.

### 3.3.4 Business Rules

Time zone functionality will be available for districts and for schools.

Time zone functionality will not be available for consumer accounts.

Existing accounts will be set for Eastern Standard time by default.

Time zone will be a required setting.

Daylight saving time will not be an option for the 9.0 release.

Managers, district administrators, and school administrators will be able to set the time zone.

School administrators will have the ability to override time zone settings for their own schools entered by a manager or the district administrator.

## 3.4 Age-appropriate Student Launch Pad Interfaces

The student launch pad interfaces will be redesigned to address (a) the need for additional space on the home page to accommodate the increasing number of subject icons and (b) reports from the field that the look and feel of the current single design is too young for secondary and adult users. Different age-appropriate interface designs will be created, for the following four grade levels: PK–2, 3–5, 6–8, 9–12. The interface that appears will be determined by the user's grade level setting.

### 3.4.1 Expected Audience

- Student (viewing assignments)

### 3.4.2 Functionality/Features

Interface elements affected at the different assignment levels within each age-appropriate group will be as follows:

- Subject level (home page)—Navigation bar, My Portfolio icon, Odyssey Writer icon, ten subject icons, background image
- Chapter level—Navigation bar, background image
- Lesson level—Navigation bar, background image
- Activity level—Navigation bar, background image
- My Portfolio level—Navigation bar, tabs, graphic elements, background image

For lower grades, the art will be more literal and the navigation obvious and intuitive. For upper grades, the art will be more symbolic and the background images more sophisticated.

Subject icons will appear in a new pattern: three rows of four icons. The order of appearance for subject icons will not change for Odyssey 9.0. The order will remain, reading left across each row from the top row down: language arts, math, science, social studies, Brain Buzzers, Thematic Research Projects, PlayBox Theme Time, algebra, ELL Elementary, and ELL Secondary. If the student has access to fewer than the total subjects available, icons will shift left and up to fill missing icon positions.

The look and feel will maintain the current space travel theme, with the navigation interface representative of a spaceship interior.



The user's grade level setting will determine which age-appropriate interface appears.

In each age-appropriate design, there must be additional space on the home page to accommodate a third row of subject icons.

### 3.4.3 Business Rules

The user interface design will be appropriate to different age groups.

There will be different interface designs for the four following grade levels: PK–2, 3–5, 6–8, 9–12.

Subject icons for the four core courses will appear in the top row, in alphabetical order, in all four designs.

The home page will have to accommodate three rows of subject icons.

## 3.5 Graphical display in Objective-based Test Results Reports

The Objective-based Test Results Report will be modified to allow users the option to display student results in a graphical form. Scores and score averages will be represented by proportional horizontal bars, with colors denoting first and recent scores.

### 3.5.1 Expected Audience

- District Administrator (creating reports)
- Administrator (creating reports)
- Teacher (creating reports)

### 3.5.2 Functionality/Features

Functionality that displays score information in graphical form will be added to the Objective-based Test Results Report. Addition of the graphical format functionality will not change any functionality in the data form of the report.

A display option will be added to the Report Options page of the report wizard, with radio buttons for Data and Graphs. Data will be the default selection.

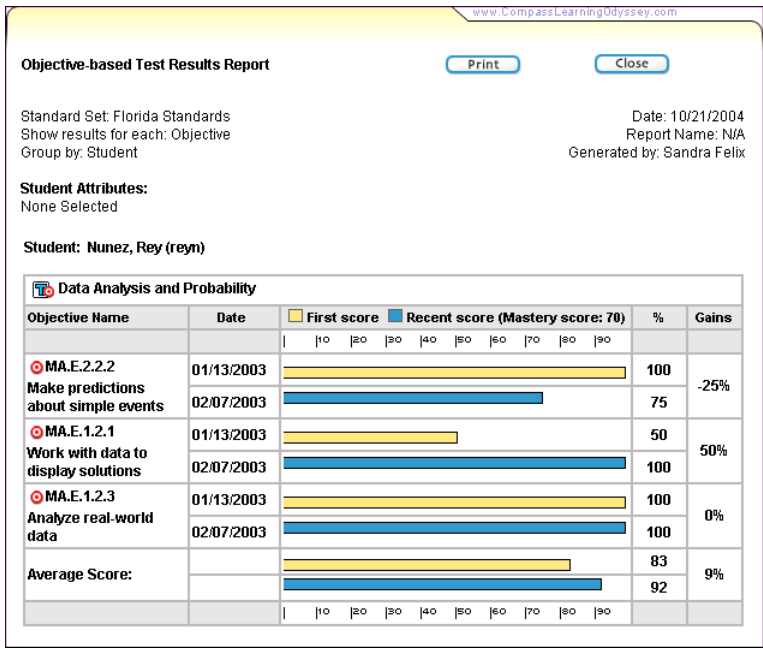
The report display format selected by the user will appear in the Report Options list on the confirmation page.

The Data option will display the report as it appears in Odyssey 8.0.

The raw scores available in the data form of a report grouped by student will not be available in the graphical display form of the report.

Under the Graphs option, scores will be represented numerically and also graphically by proportional horizontal bars.

The first and recent score bars will be denoted by vertical placement and color. For each objective or test, the First Score bar will be yellow and will appear above the Recent Score bar, which will be blue.



If a student has not completed a second administration of a test, the Recent Score row for that test will display as shown in Table 4:

Table 4: Recent Score Display

GROUPED BY	DETAILS FOR EACH	RECENT SCORE ROW
Student	Test	Empty
Student	Objective	Empty
Class, school, or district	Test	Blue bar displaying the average of scores from students with a second test score
Class, school, or district	Objective	Blue bar displaying the average of scores from students with a second objective score

3.5.3 Business Rules

The data display form of the report will be the same as currently available in Odyssey 8.0.

The raw scores available in the data form of a report grouped by student will not be available in the graphical display form of the report.

The graphical display option will be available to all users.

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## 3.6 Uploading and Attaching Sound Files in Item Builder

The Item Builder will be modified for Odyssey 9.0 to allow uploading audio files to test items. No other changes to Item Builder functionality will be made.

### 3.6.1 Expected Audience

- Teacher with special permission (end user)

### 3.6.2 Functionality/Features

A Sound button will be added to the Item Builder toolbar, between the image and math symbol buttons.

Users will have the ability to attach a sound file previously uploaded or to browse for a sound file to upload.

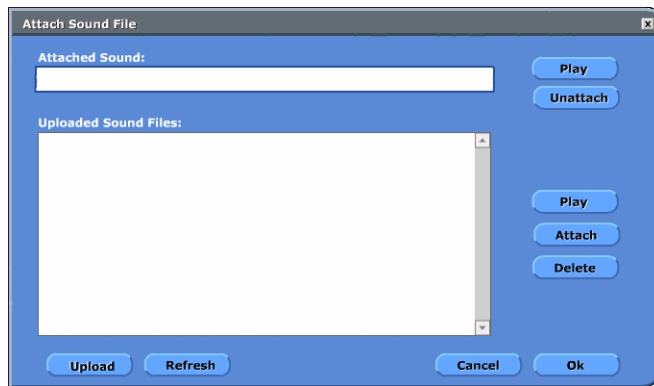
Individual sound files to be attached will be limited to 100 KB in size. The total size of all sound files for an account will be 25 MB.

The only file type that users will be able to upload or attach is .swf.

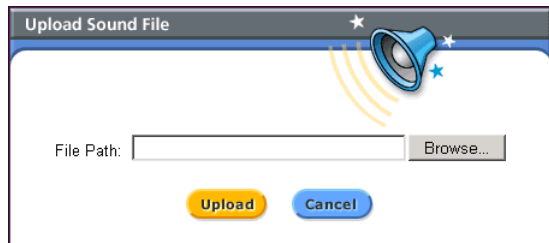
### 3.6.3 Process Flow

To insert a sound file, do these steps:

- 1 In Item Builder, click the Sound button in the toolbar.
- 2 The Attach Sound File dialog box appears.



- 3 To upload a new sound file, do the following:
  - a Click Upload.
  - b The Upload Sound File dialog box appears.



- c Click Browse.

- d The Choose File dialog box appears.
  - e Navigate to the desired file and click Open.
  - f The Choose File dialog box closes, and the path to the sound file appears in the File Path field of the Upload Sound File dialog box.
  - g Click Upload.
  - h The Upload Sound File dialog box closes, and the file name appears in the Uploaded Sound Files field of the Attach Sound File dialog box.
- 4 Click the file in the Uploaded Sound Files field to select it.
  - 5 Optional: Click the lower Play button to hear the selected sound.
  - 6 Click Attach.
  - 7 The file name appears in the Attached Sound field.
  - 8 Optional: Click the upper Play button to hear the attached sound.
  - 9 Click OK.
  - 10 The dialog box closes, and the word “Attached” appears by the Sound option in the left pane of the Item Builder window.
  - 11 Click View to open your test item.
  - 12 The item opens in a new window.
  - 13 Click the sound icon to hear the sound file you attached.
  - 14 The file sounds.
  - 15 Click Close to close the item.

### 3.6.4 Business Rules

The only file type that users will be able to upload or attach is .swf.

No more than one sound file may be uploaded to an item.

Tests containing an item with a sound file cannot be printed.

## 3.7 Changes to the Duration Report

The Duration Report will be changed to present a cleaner look and to improve useability.

### 3.7.1 Expected Audience

- District administrator (viewing reports)
- Administrator (viewing reports)
- Teacher (viewing reports)

### 3.7.2 Functionality/Features

The learning activity number will appear in the first column, following the name of the activity.

The sort order for learning activities will be changed to date/time, ascending from the earliest to the latest.



The date and time column heading will be changed from End Date to Date/Time. Time will be the user's local time.

The completions column heading will be changed from # of Completions to Number of Completions.

## 3.8 Changes to the Class Progress Module

The Class Progress module will be changed to allow teachers access to additional information about lesson quizzes and chapter tests.

### 3.8.1 Expected Audience

- Teacher (viewing assignment details)

### 3.8.2 Functionality/Features

In the Assignment Detail table, for lesson quizzes, both the quiz name and the score will be hot and clickable.

- The name link will display the answer key for the quiz.
- The score link will display the student's answers.

In the Assignment Detail table, for chapter tests, both the test name and the score will be hot and clickable.

- The name link will display the answer key for the test.
- The score link will display the student's answers.

In the Assignment Detail table, for objective-based tests, both the test name and the score will be hot and clickable.

- The name link will open a preview of the test.
- The score link will open the Test Summary window, displaying the objectives in the test and the student's score and mastery score for each.