

## **Mastery Manager Training Agenda**

Mastery Manager training is conducted in a three-hour session and will consist of the following:

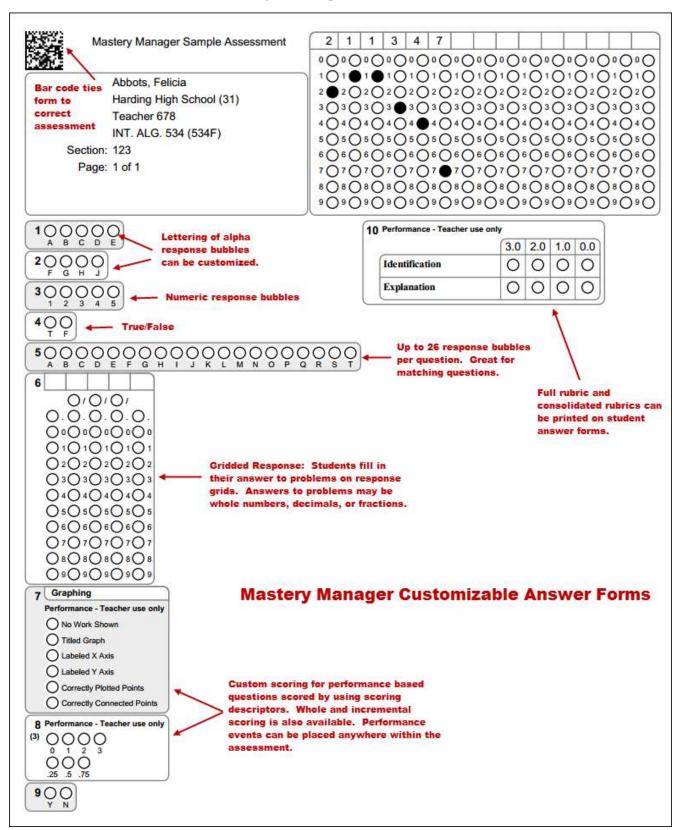
- A. Introductions
- B. Mastery Manager What is it?
- C. Hands-on Training
  - Mastery Manager Support Resources
  - Assessment Creation and Management
    - Properties
    - Answer Key/Layout
    - Weights
      - Performance Events with Bubble Descriptors (checklist)
      - Rubric-Scored Questions
    - Standards
      - Aligning for the Assessment
    - Rubric Management
      - Standards
      - Duplicating
      - Sharing
    - Duplicating an Assessment
  - Assessment Administration/Scoring
    - Preparing Student Answer Forms
    - Scanning and Scoring an Assessment
    - Inputting Performance Event Scores Online
  - Overview of Reports
    - Single Assessment vs. Multiple Assessment Reports
    - Report Scavenger Hunt
    - Report Quick Guide
    - Gradebook Paste
    - Longitudinal Reports
      - Student Trend Report
      - Longitudinal Comparison Report
  - Post-Assessment Management
    - Archiving Assessments
  - Mastery Manager Support Resources







## **Mastery Manager Answer Form**





## **Mastery Manager Sample Test: GSL Placement Test**

- 1. Ms. Adams bought a refrigerator that cost \$1200, including tax. The cost of electricity to run this refrigerator is estimated at \$78 per year. Which equation best represents *c*, the total cost of the refrigerator including electricity over *n* years of operation?
  - **A.** c = 1200(78n)
  - **B.** c = 1200(n + 78)
  - **C.** c = 1200 78n
  - **D.** c = 1200 + 78n

(CC) College- and Career-Readiness Standards and K-12 Mathematics Common Core State Standards (2010) MA.9-12.HSA-SSE.2

#### 2. Read the sentence.

The oil on the mirror <u>distorted</u> my reflection, making my eyes, nose, and mouth appear unrecognizable.

What does the underlined word in this sentence mean? Choose all that apply.

- F. angled
- G. mutated
- H. warped
- J. discolored
- 3. The term Manifest Destiny directly relates to which recurring theme in U.S. history during the 1800s?
  - A. abolition
  - B. federalism
  - C. social reform
  - D. territorial expansion

- 4. In 1954, which basic principle of the U.S. Constitution did the Supreme Court rule on in the case of *Brown v. Board of Education of Topeka*?
  - F. trial by jury
  - G. freedom of speech
  - H. equal protection of the law
  - J. separation of church and state





5. Identify the best English translation for the following Spanish phrase:

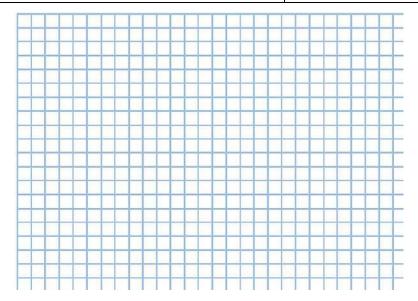
Está muy viejo para su edad.

- **1.** The house looks very old.
- **2.** He is wearing very old clothes.
- **3.** He looks very old for his age.
- **4.** How old is your cat?
- **5.** How old is your dog?
- 6. Fill in the grid with your answer on the answer form.

What is the probability that a family with 4 children will have exactly 2 girls and 2 boys?

7. Use the chart below to graph results.

Reduced CO2 Emission Factor	Million Metric Tons
	Per Year Reduction
NG Fuel Switching	215
CAFÉ Standards	205
Efficiency + Recession	190
Wind Power	90
Biofuels	15
Hydro Power	10
Solar Power	2





## Questions 8, 9, and 10 will be scored using the following rubric:

#### **GSL Science Rubric**

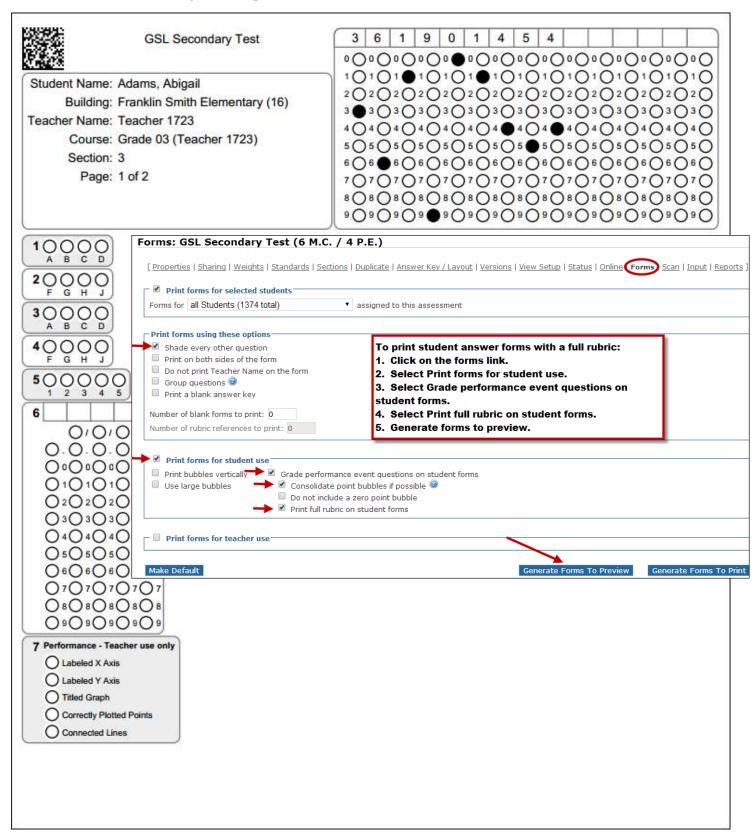
	3	2	1	0
	Meets Standards	Approaching	Below Standards	Unable to Assess
		Standards		
	<u>Identifies name</u>	Either names or	Attempt made to	No answer
	including	gives a real world	identify name	attempted.
Identification	properties and	example.	correctly and give	
	provides one real		a real world	
	world example.		example.	
	Provides correct	Provides correct	Provides answer	No answer or
	answer with a	answer with a	with <u>minimal</u>	explanation
Explanation	<u>complete</u>	nearly complete	explanation.	attempted.
	explanation.	explanation.		

9.	10.		
79	26		
Au	Fe		
196.97	55.845		
Element Name	Element Name		
Real World Example	Real World Example		
Element Attributes	Element Attributes		
Protons:	Protons:		
Automatic Mass:	Automatic Mass:		
Explain your answer:	Explain your answer:		
	Telement Name    Real World Example		





## Mastery Manager Student Answer Form with Full Rubric



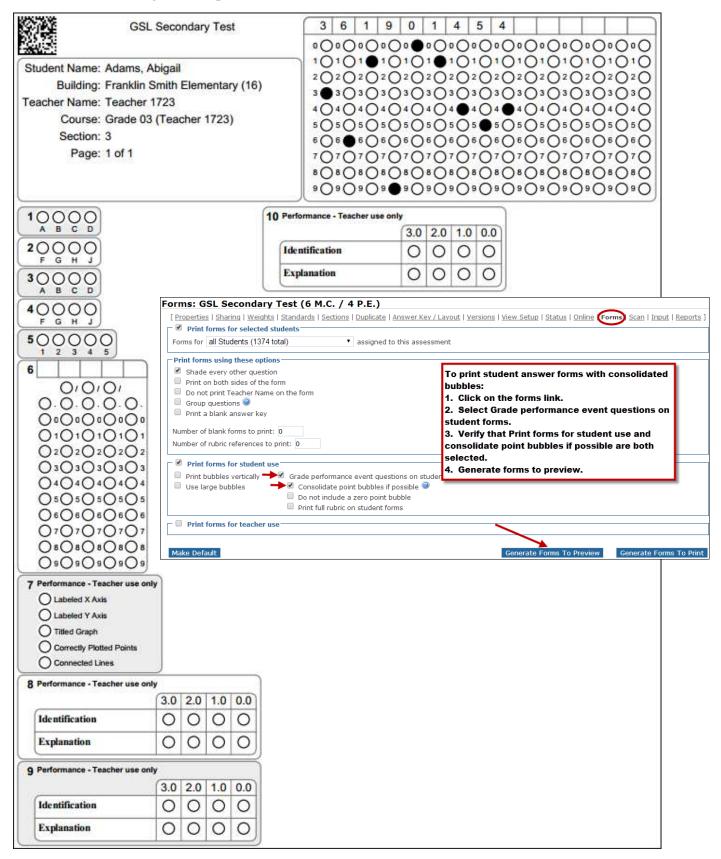


## **Mastery Manager Student Answer Form with Full Rubric (continued)**

	GSL Sec	ondary Test	3 6 1 9	0 1 4 5 4	000000000
Building: Franceacher Name: Teacher Name: Teacher Name: Grance Section: 3 Page: 2 of	nklin Smith cher 1723 de 03 (Tea	Elementary (16)	2	1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	2
Performance - Teacher	use only				1
	Me	3.0 ets Standards	2.0 Approaching Standards	1.0 Below Standards	0.0 Unable to Assess
Identification	0	Identifies name including properties and provides one real world example.	Either names including properties or gives a real world example.	Attempt made to identify name correctly and give a real world example	O No answer attempted.
Explanation	0	Provides correct answer with a complete explanation.	O Provides correct answer with a nearly complete explanation.	O Provides answer with minial explanation.	O No answer or explanation attempted.
Performance - Teacher	use only				14
	Me	3.0 ets Standards	2.0 Approaching Standards	1.0 Below Standards	0.0 Unable to Assess
Identification	0	Identifies name including properties and provides one real world example.	Either names including properties or gives a real world example.	Attempt made to identify name correctly and give a real world example	O No answer attempted.
Explanation	0	Provides correct answer with a complete explanation.	O Provides correct answer with a nearly complete explanation.	O Provides answer with minial explanation.	O No answer or explanation attempted.
Performance - Teacher	use only	<u> </u>		1	
	Me	3.0 ets Standards	2.0 Approaching Standards	1.0 Below Standards	0.0 Unable to Assess
Identification	0	Identifies name including properties and provides one real world example.	Either names including properties or gives a real world example.	O Attempt made to identify name correctly and give a real world example	O No answer attempted.
Explanation	0	Full Rubric	orinted on Stude	wer with	O No answer or explanation
				ation.	



## Mastery Manager Student Answer Form with Performance Events





# Mastery Manager Teacher Scoring Form Example Student Roster

	GSL Secondary Test		
Building: James Lewis (10)	Page: 1 of 12		
Course: Grade 01 (Teacher 1718)	Teacher Name: Teacher 1718		
Section: 1			
		A	7
Baker, Cabot 619964183		Ŏ,	Labeled X Axis Labeled Y Axis Titled Graph Correctly Plotted Po Connected Lines
Beck, Janna 2001 <mark>19778</mark>		Ŏ	Connected Lines
Caine, Glynnis  Print forms using these options		0	O Labeled X Axis
Shade every other question Print on both sides of the form Do not print Teacher Name on the form Do not print Student Name on the form Group questions  Number of blank forms to print:  Print forms for teacher use One page for each student use form Student roster layout	✓ Use short ▼ question descriptions		
Make Default	Generate Forms To Preview G	enerat	
			Titled Graph     Correctly Plotted Po     Connected Lines
lerrera, Valerie 332945199		O <sub>A</sub>	Connected Lines
Johnson, Elle 318948082		Ŏ	Correctly Plotted Po



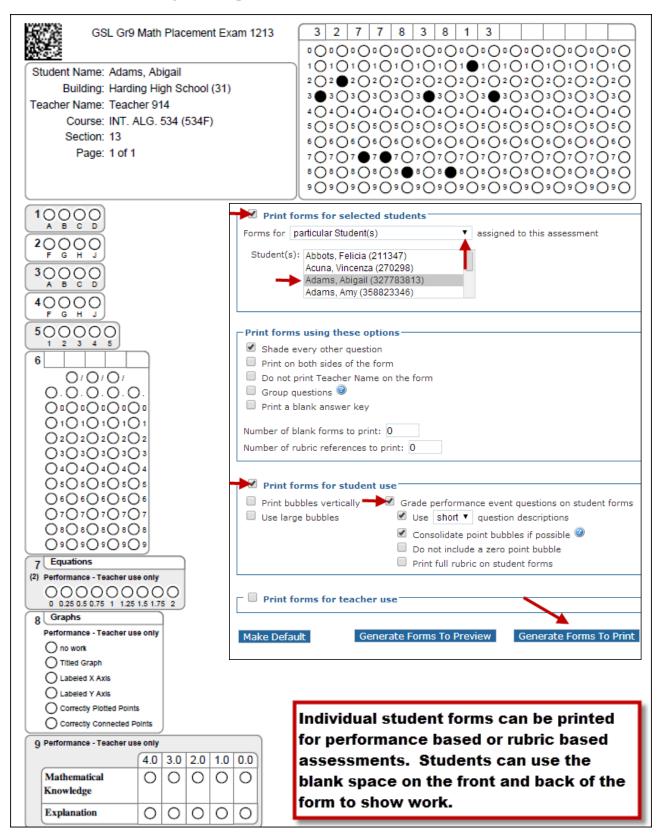
## **Mastery Manager Teacher Scoring Form**

## **Question Roster**

						GSL Secon	ndary Te	st					
Building: James L Course: Grade 0 Section: 1		13133	1718	)		Teacher N	Page: 1 Name: Te		er 17	18			
Absent: O		Bake	er, Ca	bot (6	619	964183)							
7					Ş	Identification  Explanation	3.0 O	2.0 O	1.0 O	0.0 O			
8 Identification	3.0 O	2.0	1.0	0.0 O	10	Identification	3.0 O	2.0	1.0	0.0			
Explanation	0	0	0	0	L	Explanation	0	0	0	0)			
One page for each Use question	h stude	ent us	se for			<ul> <li>✓ Use short ▼ qu</li> <li>✓ Consolidate point</li> <li>Do not include a</li> <li>Print full rubric of</li> </ul>	t bubbles zero bub	if po ble	ssible	e 🕝			
Make Default						Generat	e Forms	То Р	revie	ew (	Generat	e Forms	s To Print
Absent: (		Cain	e, Gl	ynnis	(35	54922583)							
7					9	Identification Explanation	3.0 O	2.0 O	1.0 O	0.0 O			_
8 Identification	3.0 O	2.0	1.0	0.0 O	10	Identificat perform	nance	ev	ent	s, in	cludin	g rub	_
Explanation						THE PARTY					116- 116-	Ce	

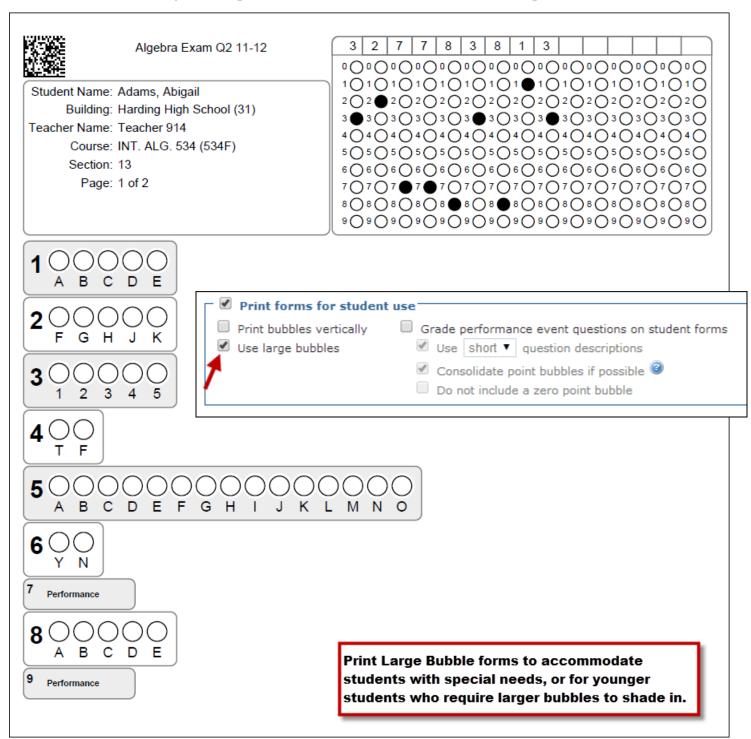


## **Mastery Manager Individual Student Answer Forms**





## Mastery Manager Student Answer Form with Large Bubbles

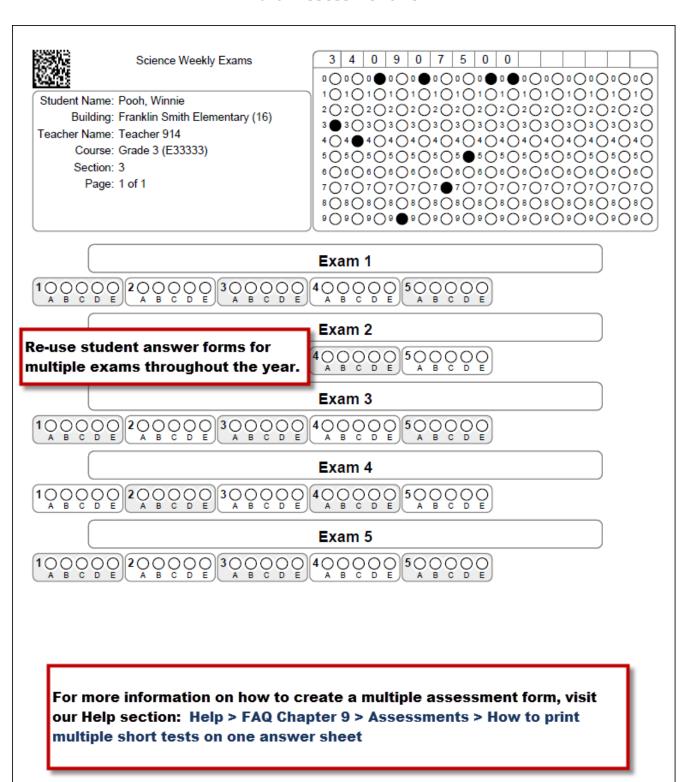






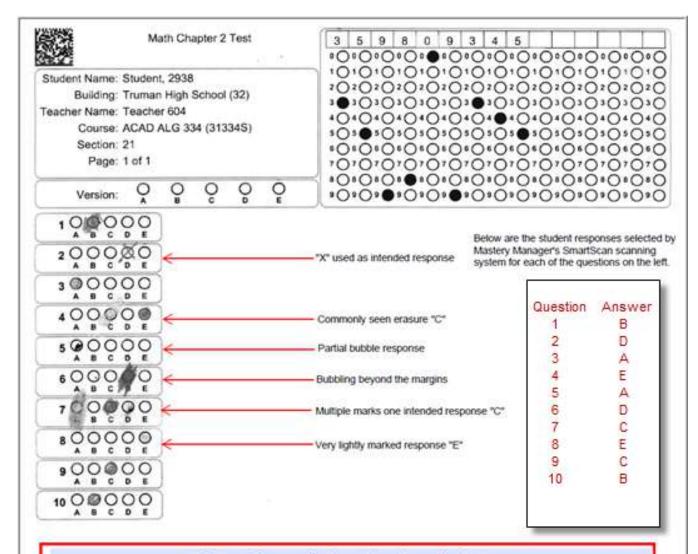
## **Mastery Manager Student Answer Form**

#### **Multi-Assessment Form**





## **Mastery Manager Student's Bubble Examples**



#### Mastery Manager's SmartScan Scanning System

- · Delivers unprecedented scoring accuracy
- · Eliminates manual post scanning data review and cleanup by teachers
- · Saves teachers valuable time and ends their scanning frustrations
- . Builds teachers confidence in the scoring results

With Mastery Manager's SmartScan scanning system teachers can scan a score a typical class in under one minute and Mastery Manager's SmartScan system will recognize the student's intended response regardless of how the student bubbled the form. This completely eliminates teachers having to spend their valuable time on any post scanning data verification and cleanup, thereby enhancing the teacher's confidence in the assessment results.

Flip over the page to see the Mastery Manager Student Response Scoring Report for the above answer form with no manual data verification or cleanup required by the teacher during the scanning process.



**Scavenger Hunt** 

Username: gslteacher	Password: gsl123	Assessment Name: Place	cement Exam 1415
Report Informa  General Assessment Reports	tion <b>Q</b> Question	<b>O</b> Explore Activity	Shortcut
The Alphabetical Results Report list which provides assessment response		phabetical order. This report car	lead to the <b>Student Report</b> ,
What is the average percent for	this assessment?		
Shortcut: Click on View Reports	at the top of the page, wh	ich brings up the list of reports	you can run.
Click on Item Analysis. This report	provides a great deal of inf	ormation about tests, specifical	y the items on the test.
What color represents the corre	ect answer?	Yellow is the most commonl	y selected incorrect answer.
Take a close look at question 12 feature in Mastery Manager could h	elp solve this issue?	nclusion can you draw from anal	
At the top of the screen change many items are now highlighted in r	the Difficulty Level from th		
Click View Reports and select Re	esponse Distribution.		
Response Distribution graphically	displays student scores for	performance event questions.	
What percentage of students lab a list of students who labeled the ax score	peled the X-Axis correctly? is correctly. Name 1 studer	Click on	the X-Axis Bar, this provides

What are the advantages of creating a checklist with specific Bubble Descriptors?

Close Question Analysis tab. Click View Reports and select Item Analysis by Learning Objective.



## Scavenger Hunt (continued)

Scavenger nunt (continueu)
Report Information Question Explore Activity Shortcut earning Objective Reports
The Item Analysis by Learning Objective report provides test question validity by learning objective.
Turn and talk with your colleague. In what circumstances would you use the overall Item Analysis, and when you might use the Item Analysis by Learning Objective?
Click View Reports and select Learning Objective Mastery.
Learning Objectives Mastery report shows the percentage and number of students in each achievement level. This report can lead to the Learning Objectives Student Group, which helps identify "at risk" students and create intervention groups.
What percentage of students mastered the first learning objective (LA.11-12.RH.11-12.3)?%
How many students fall in the Academic Warning level?
Click on the Academic Warning link, which will take you to the Learning Objective Student Group report. Here you can select students to create a student intervention group. Scroll to the bottom and you will see how to create a group that can be tracked and reported on.
Click View Reports and select Learning Objectives and Score Comparisons.
Learning Objectives and Score Comparisons report compares demographic groups according to the achievement level for each learning objective.
Plow many students in total took this assessment?
Plow many of those students are actually your students?
Hint: Selected Students
At the top of the screen change the demographic from "Building" to "Gender" and select "Generate Report". Refer to the graph for first learning objective (LA.11-12.RH.11-12.3). On the report key, click on the following: "All Students", "All

Shortcut: Click on Report Options at the top of the page, which brings you back to the Disaggregation Page.

Female", "All Male". What happened? Next, compare your female and male students. Which group had the higher

percentage achieving mastery? \_\_\_



**Scavenger Hunt (continued)** 

<b>PReport</b>	Information

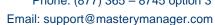






## **Student Reports**

Click on <b>Student Reports.</b> Next, click on <b>Catalina Howell</b> and click Generate Reports. Click on Student Reports on this screen, as well. List the multiple choice questions she missed
Finally, write down the question number on which <b>Catalina's</b> teacher left a comment for her:
Explore the <b>Student Report</b> by clicking on the <b>Horizontal View</b> , next check <b>Hide Answers</b> and finally check <b>Hide Responses</b> . Discuss with a colleague why these options would be valuable in a classroom.
Click View Reports and select Learning Objectives Mastery Summary Report.
Look at the top standard (MA.3.3.MD.2) in the <b>Learning Objectives Mastery Summary Report</b> . What percentage of the questions tied to that standard did Catalina get correct?
Discuss with a colleague when this report might be useful in your work with students and/or colleagues.





## Setting up an Assessment in Mastery Manager Quick Reference Sheet

#### Login

- 1. Login to Mastery Manager, www.masterymanager.com
- 2. Click Login button
- 3. Enter Username and Password
- 4. Click Login button

#### Create Assessment (Properties)

- Click Assessments tab
- 2. Click Create Assessment link
- 3. Enter Assessment name
- 4. Enter Number of multiple choice
- 5. Enter Number of performance events
- 6. Select Courses and section
- 7. Click Save button

#### Enter Answer Key/Design Multiple Choice Questions (Answer Key/Layout)

- 1. Click Answer Key/Layout link
- 2. For each multiple choice question select: Type, # of Bubbles, Style and Labels
- 3. Enter answer key in the Answer column
- 4. Click Save button

#### Enter Weights/Design Performance Event Questions (Weights)

- 1. Click Weights link
- 2. Enter point values for all questions
- 3. For each performance event question enter optional information for: short description, long description, bubble descriptors and cut score
- 4. Click Save button

#### Align Questions to Learning Skills/Standards (Standards)

- 1. Click **Standards** link
- 2. Click Add standards tab
- 3. Select Standard category
- 4. Select Grade levels filter
- 5. Click View standards button
- 6. Scroll list and click in the box next to the Standard to be aligned
- Scroll to the bottom of the page and click the question box to be aligned to the Standard previously selected
- 8. Click Save button

#### Print Student Answer Forms (Forms)

- 1. Click Forms link
- 2. Click in various boxes to select specific forms printing options
- 3. Click Generate Forms button
- 4. Click **Download PDF** button
- 5. Click Open button to download PDF file
- 6. Print forms



## **Mastery Manager Reports Quick Guide**

#### **General Assessment Reports (for an individual assessment)**

**Alphabetical Results** list the student scores (in points and percentage) earned on multiple choice and performance event questions. If the grading scale is selected, each student is also assigned a grade on the report.

**Student Reports** give access to student answer sheet (with correct answers) as well as various learning objective mastery reports (if standards are aligned).

**Item Analysis** lists the percentage of student responses to each possible answer and the most popular distracter to each multiple choice question. Statistical information is computed to help analyze the assessment and check validity of the questions.

**Student Scores Grouped** shows the students' total scores, student responses and correct answers to multiple choice questions, as well as maximum points and student scores for performance event questions.

**Frequency Distribution** graphically displays the distribution of students' total scores. If the grading scale is selected, the graph of the grade distribution will display as well.

**Response Distribution** graphically displays the distribution of student scores for performance event questions according to the points or scoring descriptions entered (if entered on the Weights page).

**Performance Events Roster** shows a roster report of student scores earned on each performance event question and mastery level based on the cut score (if entered on the Weights page).

Learning Objective Reports (for an individual assessment and only available if standards are aligned)

**Learning Objectives Mastery Roster** shows each student's individual proficiency results (points and color-coding) for each learning objective measured on the assessment.

**Item Analysis by Learning Objective** supplies the same information as the Item Analysis with multiple choice questions grouped according to learning objective. It is a great tool to assess test question validity by learning objective.

**Learning Objectives Mastery** is a valuable tool to identify "at risk" students and create intervention groups. It shows the percentage and number of students in each designation group (achievement level).

**Learning Objectives Student Group** is another valuable tool to identify "at risk" students and create intervention groups. This report groups students according to achievement level for each learning objective.

#### **Comparison Reports (for an individual assessment)**

**Learning Objectives and Score Comparisons** display the comparison of demographic groups (in relation to one another and the entire student group) according to the achievement level for each learning objective (if standards are aligned).

**Performance Events Comparisons** display the comparison by teacher of the students' average scores, the cut scores (if set up) and the mastery level according to the cut score for each performance event question on the assessment.

**Item Comparisons** display the comparison by teacher of the students' average score for each multiple choice question on a single assessment. It also lists the overall average for each multiple choice question on that assessment.

#### **Longitudinal Reports (for multiple assessments)**

Student Trend Reports trend multiple assessments' results for a student and display multiple reports in one, including:

Standards Roster displays the percentage or point scores earned for each standard in a roster format.

**Score Trend Table & Score Trend Graph** shows the student's scores for each assessment, the average score of the teacher's students, and the overall average score for all the students who took the assessment.

**Standards Proficiency** shows the list of learning objectives (if aligned and selected) measured on the assessments, and the achievement level and total points earned by the student for the learning objectives.

**Standards Mastery Trend** shows the trend of the achievement level and scores on the assessments by learning objective.

\* The Student Trend Reports can be generated with a header and footer and are great for parent-teacher conferences or to be distributed to the student.

**Comparison Reports** compare multiple assessments and/or demographics over time. It's a great tool for comparing results for multiple assessments measuring the same standards for the purpose of examining student progress.



## Mastery Manager User's Guide

Follow the Hyperlinks or the Chapter Links to each of the sections below for more assistance.

- Assessment Management: Learn more about how to Manage your Mastery Manager Assessment by clicking on the links below:
  - o Creating Assessments
  - o Archive Assessments
  - Duplicating Assessments
  - Starting a New School Year
- Rubrics: Learn more about Rubrics by following this path: Help > User's Guide Chapter 6 > Rubrics
- Aligning Standards: Learn more about <u>Aligning Standards</u> by following this path: Help > User's Guide Chapter 3: Assessments > Menu of an Assessment > Standards > Aligning Standards to One or Multiple Questions in an Assessment
- Printing Forms: Learn more about <u>Printing Forms</u> by following this path: Help > User's Guide
   Chapter 3: Assessments > Menu of an Assessment > Forms > Forms
- Inputting Scores: Learn more about <u>Inputting Scores</u> by following this path: Help > User's Guide
   Chapter 3: Assessment > Menu of an Assessment > Scoring and Assessment > Input Scores
- Reports: Learn more about Reports by following this path: Help > User's Guide Chapter 8: Reports