

The logo features the word "Remark" in a white serif font on a dark blue rectangular background. Below this, the words "Test Grading Cloud" are written in a bold, black sans-serif font on a white rectangular background. The entire logo is set against a background of a blurred document with a grid of letters and numbers, and a pen nib is visible in the upper right corner.

# Remark<sup>®</sup>

## Test Grading Cloud

## Product Overview

**The Innovative Solution to  
Your Data Entry Needs!**

**Gravic, Inc. — Remark Products Group**

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***Remark Test Grading Cloud Overview***

With a long history of providing user friendly products that save educators money and time, Gravic, Inc. offers **Remark Test Grading Cloud**. Designed with the busy educator in mind, this easy-to-use product quickly creates and grades tests in the cloud so that you can get more accomplished with less. Tests can be administered on paper in class or remotely with online testing and Remark Electronic Bubble Sheets™.

Paper test sheets can be customized to include student, class, test, and instructor information and printed on plain paper. The instructor can bubble-in an answer key or specify correct answers, test points, learning objectives, and more in the application. The completed test forms are scanned with an image scanner or copier. Then the completed test images are emailed or uploaded to the cloud and graded by the application.

For online tests, instructors can distribute links to their tests for online completion or email a fillable PDF test sheet that students can complete and email back for grading. Online tests can have one question per page to allow for question randomization for cheating prevention help.

Remark Test Grading Cloud includes a variety of powerful analysis reports that show student, class, and test item performance. In addition, instructors can easily export grades to gradebooks and student management systems or use one of our LMS connectors for seamless integration (Canvas, D2L, and Blackboard). Remark Test Grading Cloud is built from the market-leading Remark Office technology for the utmost in accuracy, and is available in the cloud for greater access and flexibility.

## Whether you are teaching in class or remotely, Remark Test Grading Cloud has you covered.



### Benefits

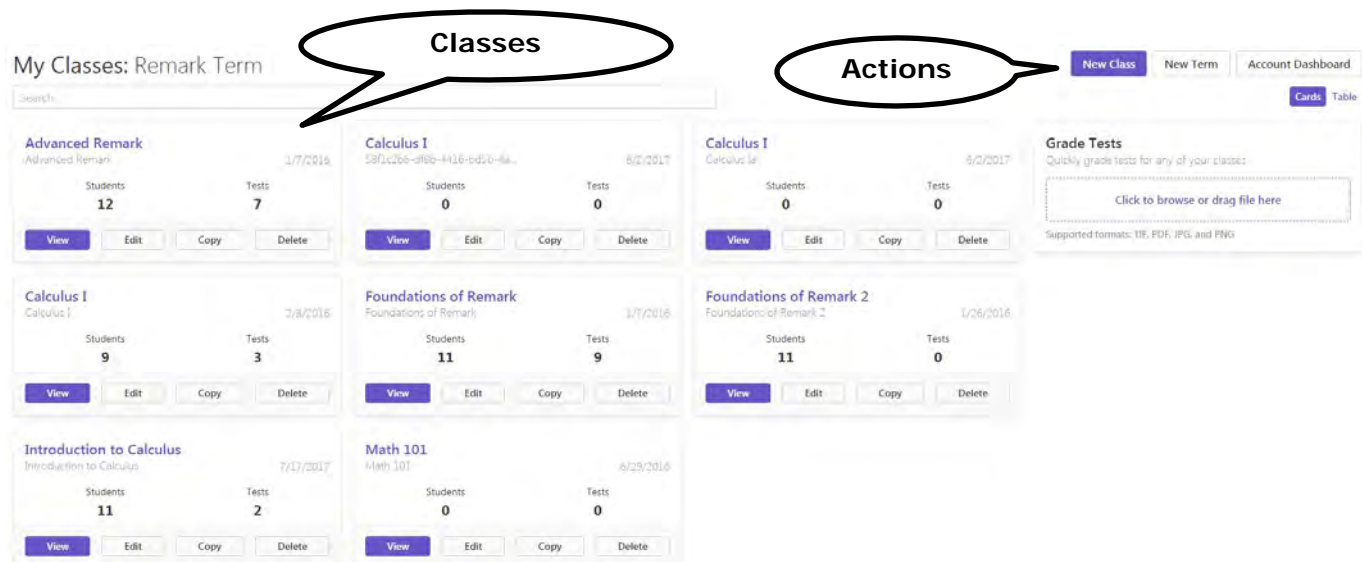
- **Save Thousands of Dollars**
  - Create your own paper and/or online tests
  - Print your own test sheets - No special paper required
  - Use existing hardware (image scanners or copiers)
    - Stop maintaining special machines that can only read expensive test forms
    - Turn any image scanner or copier into a test scoring system
- **Easy to Use and Learn**
  - Straight forward web interface accessible from any modern web browser
  - Easy to create test answer sheets that can be personalized for each student if desired
  - Free up your school's IT department with nothing to install
- **Save Teachers Time Grading and Provide Comprehensive Test Analysis**
  - Use for paper and online tests, exams, quizzes, and other assessments
  - Teachers can scan their test sheets and have them automatically graded - No more manual data entry
  - Completed tests can be emailed to the cloud for instant grading
  - Online tests links are emailed to students for online completion and real-time grading
  - Online tests can display one question per page with question randomization to help prevent cheating
  - Tests can include open response areas for grading essays, short answer, or other written responses
  - Include math questions with grids for entering numbers, decimals, and fractions
  - Built-in test grading reports show student, class, and item performance on the test
  - Easily export your grades to gradebooks and student management systems
  - Optional LMS Connector available to automatically sync class rosters and student grades with Canvas, Blackboard, and D2L
- **Reliability at its Core**
  - Runs on Amazon Web Services, the world's most popular hosting provider for cloud services
    - Hosting and data storage available in the US and Canada
  - Built on the industry leading framework of Remark Office OMR
    - For over 29 years the world's most popular OMR software product!

**Scanners/Peripheral Options Supported for Processing Paper Tests**

Use any image scanner, copier, or scanning app to capture images of completed test forms. No proprietary scanner is needed, saving you money on initial cost and ongoing maintenance. Completed test forms can be uploaded or emailed directly to the Remark application.

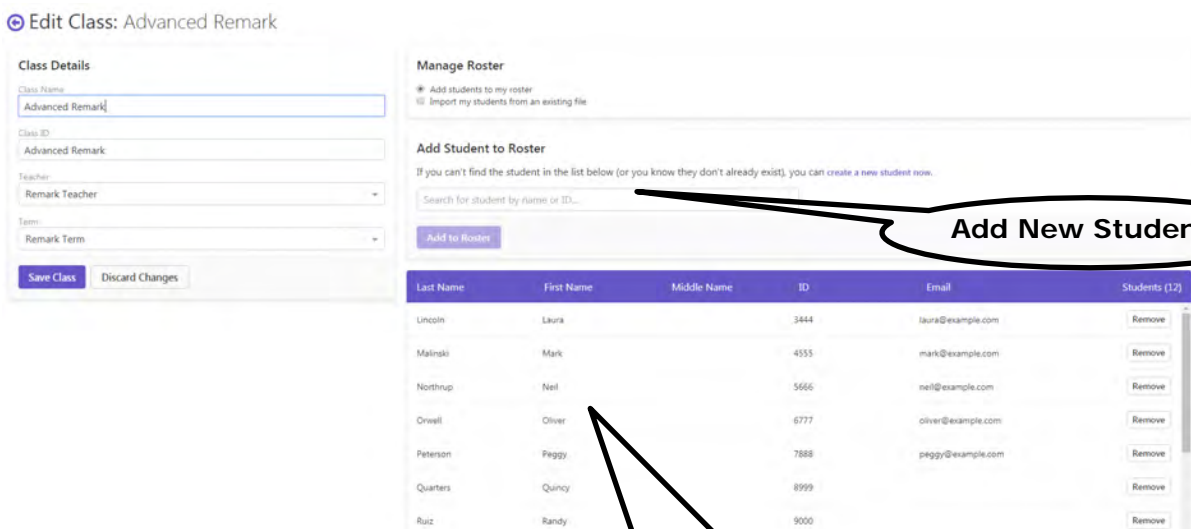
**Using Remark Test Grading Cloud**

Follow the intuitive interface to perform the steps of creating a class and roster, creating a test, uploading completed tests, and then reviewing the grade results. The prominent buttons update to assist you as you move through the application.



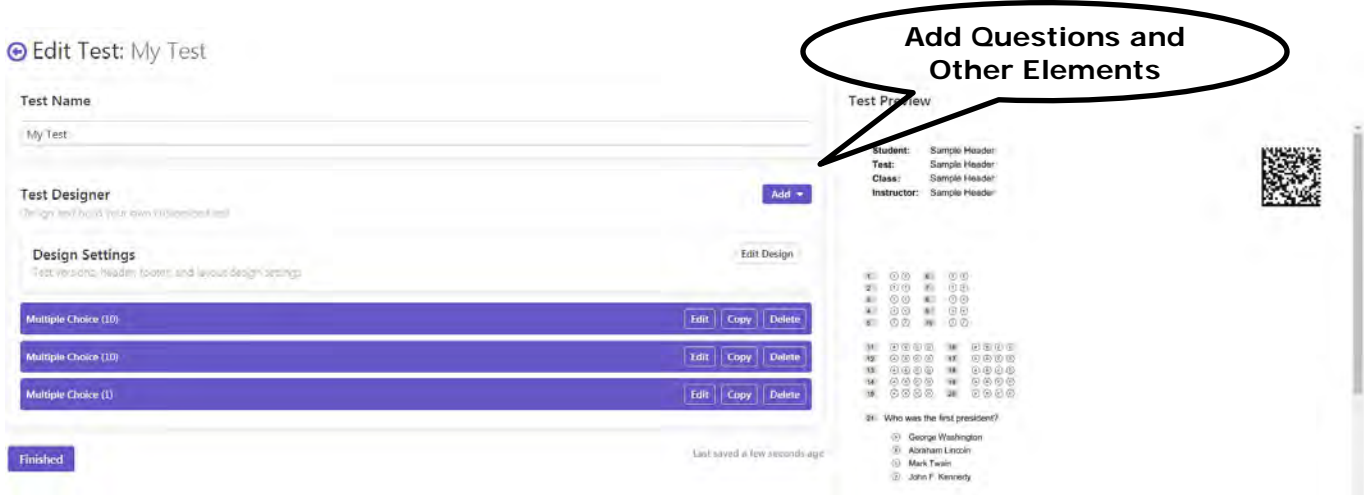
**Create a Class**

You can create a new class and then add a student roster. You can manually enter your students or import your roster from a CSV or Excel file. You can also remove students from classes. Rosterless classes are also permitted, where test forms will include a write-in area for student names that will be captured as an image and used for student identification purposes in your reports. In addition, our optional LMS connectors for Canvas, D2L, and Blackboard allow for automatic importing and syncing of class rosters.



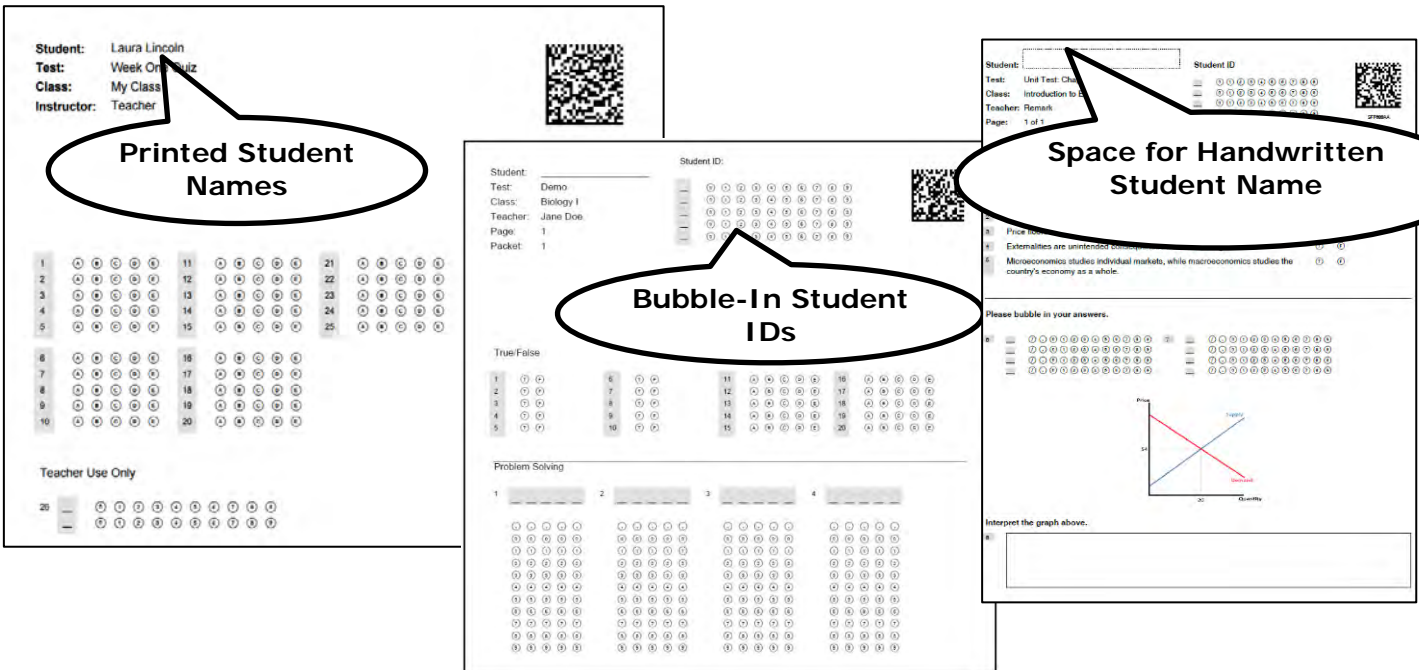
**Create a Test (Paper or Online)**

Create a test answer sheet (bubble sheet). Add multiple choice, true/false, math, and open response (handwritten) questions to the test. Multiple choice questions can be formatted with just bubbles, or you can add question text and answer labels. Space for students to answer open response questions can be included on the forms. Instructors can review and grade these on-screen... No more flipping through stacks of forms and manually grading these non-multiple choice types of questions.



**Print Paper Tests**

Tests contain student, class, teacher, and test information so that you can easily distribute the tests and identify which students have taken the test. In cases where preprinting student information on forms (large classes for instance), students can bubble in their Student ID to identify themselves, or in a rosterless class, can handwrite their name which will appear in the reports. The test sheets can be printed on a laser printer or copier using plain copy paper, saving you the cost of purchasing test answer sheets. You can even print an answer key to bubble in the correct answers for the test.





**Distribute Online Tests and Remark Electronic Bubble Sheets™**

You can email students links to online tests or email Electronic Bubble Sheets (fillable PDF forms).

When using Remark's built-in **online testing** feature you create the online test and then email links to students. Students click the link and take the test online through any modern web browser. Tests can be set up all on one page or one question per page, which allows for question randomization. Optionally you can specify a duration window for the online test, quiz, or assessment.

**Email to Students**

Remark Test Grading Cloud

**Quiz #1**

**Your Test Is Ready!**

Dear Michael,

You have a new test to complete online:

**Instructor:** Remark  
**Class:** Introduction to Economics  
**Test:** Quiz #1  
**Student:** Michael Samuels

**Instructions:** Click the link below to take the test. When finished, make sure you click the **Submit** button at the end of the test to submit your answers.

You may submit this test 1 time(s).

Click this [link](#) to begin your test.

If you have any questions about this test, please contact your **instructor**.

**Online Test Link**

Remark

**Online Test: Quiz #1**

- Who developed the Invisible Hand Theory?
  - A Aaron Schmidt
  - B Alan Sanders
  - C Adam Smith
  - D Andrew Schilling
- What is the name of the "side effect" or unintended consequence of an activity that is not reflected in the cost function?
  - A Externality
  - B Secret cost
  - C Pigouvian effect
  - D This does not exist
- All else equal, an improvement in the technology associated with producing a good would \_\_\_\_\_.
  - A Increase quantity supplied (staying along the same curve)
  - B Decrease quantity supplied (staying along the same curve)
  - C Decrease supply (shift the curve inwards)
  - D Increase supply (shift the curve outwards)
  - E Result in the same result as in any of the above

When using **Remark Electronic Bubble Sheets**, fillable PDFs of the test are sent to students. Students complete their test in any PDF viewer and email it back to the Remark cloud for grading.

**Fillable PDF**

Student: Abby Waterson  
 Test: Week One Quiz  
 Class: 1st Period  
 Teacher: Remark  
 Page: 1 of 1

1. Who developed the Invisible Hand Theory?  
 A Aaron Schmidt  
 B Alan Sanders  
 C Adam Smith  
 D Andrew Samuelson

2. What is the name of the mechanism that, when set effectively, is set below the equilibrium price?  
 A Price floor  
 B Price ceiling  
 C Embargo  
 D Demand floor

3. True or false. The terms "demand" and "quantity demanded" are synonymous and interchangeable.  
 A True  
 B False

4. In no more than a few sentences, compare and contrast Microeconomics and Macroeconomics.

Remark

TERM: DEMO > CLASS: REMARK MARKETING COURSE ONE > TEST: COURSE ONE - QUIZ ONE

**Email Test to Students: Course One - Quiz One**

Email Preferences

Copy me on each email message

[Unread messages]

**Email Students (10)**

Students should whitelist the mail.remark.cloud domain

Students (10)	Email Address	Test Data	
<input checked="" type="checkbox"/>	Amanda Toppe	atopps@example.com	No Data
<input checked="" type="checkbox"/>	Brian White	bwhite@example.com	No Data
<input checked="" type="checkbox"/>	Jeff Robinson	jrobinson@example.com	No Data
<input checked="" type="checkbox"/>	Jo Smith	jsmith@example.com	No Data
<input checked="" type="checkbox"/>	Lisa Brown	lbrown@example.com	No Data
<input checked="" type="checkbox"/>	Lorle Flank	lflank@example.com	No Data
<input checked="" type="checkbox"/>	Ray Little	rlittle@example.com	No Data
<input checked="" type="checkbox"/>	Rob Monk	rmonk@example.com	No Data
<input checked="" type="checkbox"/>	Sarah Schlank	sschlank@example.com	No Data
<input checked="" type="checkbox"/>	Sorja Reynolds	sreynolds@example.com	No Data

**Email Electronic Bubble Sheets**

**Answer Key Options (Optional)**

Answer keys can be defined in two ways: for paper tests you can scan the answer key along with the student tests, or you can manually enter the answer key in the application (required for online testing). There are also advanced options that allow you to change question points, add multiple correct responses, treat questions as extra credit, and define learning objectives (questions that are aligned to specific learning goals). You can also apply a custom grade scale to the overall test and the learning objectives. Any changes to the answer key are automatically applied to the tests which will be regraded with no need to ever rescan forms!

**Set or Adjust Correct Answers**

**Grade Scale**

**Aligned Learning Objectives**

Grade	Percent Score
A	90 or above
B	80 - 89.9
C	70 - 79.9
D	60 - 69.9
F	Below 60

**Grade Tests**

For paper tests you can scan your completed answer sheets and answer key with an image scanner, copier, or scanning app. Then upload the images to Remark Test Grading Cloud for grading. Or use the Scan to Email function on your copier or scanner to scan and email the test images right to Remark Test Grading Cloud. If you use Google Drive you can even import your images right from Drive.

For online tests, students complete them online and submit their responses directly in the Remark cloud for instant grading.

**Student Scores**

**Test Summary and Actions**

Class Average	Questions	Points
87%	16	24

**Review Data and Grade Write-in Responses (Optional)**

Review your student test responses (if needed). For paper tests, you can review any noted exceptions such as multiple responses when a single answer is expected or blank responses. You can see the scanned image of each student's filled-in bubble sheet to help you select the appropriate answers based on the student's intentions.

**Navigation**

**Student's Answer Sheet**

For both paper and online tests, you can grade any open response questions on-screen. Easily review short answer, essay, and other written answers and enter the grades earned (full or partial credit). In addition, you can add comments for your students that will show up on certain reports.

**Add Points Earned**

**Student's Typed (Online Testing) or Handwritten (Paper Tests)**

**Add Comments for Each Student**



**Run Reports & Send Grade Information to LMS or Gradebooks**

Remark Test Grading Cloud contains several built-in test grading reports, including class reports, student reports, descriptive statistics, and item analysis reports. You can select which report to display from a list. Each report is generated as a PDF for easy printing and distributing. You can easily email reports to yourself or students. You can edit the answer key without rescanning to adjust the grade scale, learning objectives and general grading (e.g. grade on a curve).

The screenshot shows the 'Reports: Math Test' interface. On the left, a list of reports is shown with '100 - Test Analysis Report' selected. Callouts point to 'Email Reports to Students' (pointing to the 'Email Student Reports' button), 'Export Reports' (pointing to the 'Export Reports' button), 'View Reports' (pointing to the selected report in the list), and 'Modify Reports' (pointing to the '100 - Test Analysis Report Style' link).

The 'Report Viewer' displays a 'Test Analysis Report' for Instructor: Mr. Joslin, Class: Math, and Test: Math Test. It includes an 'Overall' summary (10 Students, Average Score: 87.39%, High Score: 95.65%, Low Score: 69.57%) and 'Test Statistics' (Cronbach Alpha: -0.42). A table of 'Hardest Questions' and 'Easiest Questions' is also shown.

Hardest Questions	Percent Correct	Easiest Questions	Percent Correct
Q11	60.00%	Q1	100.00%
Q13	70.00%	Q3	100.00%
Q7	70.00%	Q4	100.00%
Q8	70.00%	Q5	100.00%
Q10	80.00%	Q6	100.00%
Q12	80.00%	Q10	80.00%
Q14	80.00%	Q12	80.00%
Q15	80.00%	Q14	80.00%

**Export Results to Gradebooks or LMS**

Remark Test Grading Cloud provides various ways to export student grades to a variety of gradebooks, learning management systems, or other formats.

Use the built-in export functionality to easily export grade information to a variety of gradebooks and formats. All reports can also be exported to Excel.

The 'Export Gradebook As...' dialog box shows a list of export options: Canvas LMS, Standard CSV, Standard TXT, Blackboard, Canvas LMS (highlighted), Moodle, ParScore, SIS Login ID, and (Exclude). At the bottom, there are 'Download Gradebook' and 'Email' buttons.

Use our LMS (learning management systems) connectors for Canvas, D2L, and Blackboard to sync grades directly to your LMS. Our LMS connectors are available as add-ons to your Remark Test Grading Cloud subscription. The connectors require administration access to LMS instances for setup. Please [contact](#) us to discuss your needs.

The screenshot displays the Remark Test Grading Cloud interface for a test titled "Course One - Quiz One". At the top, there are navigation elements including "Remark" and a user profile. Below this, the breadcrumb trail reads "TERM: DEMO > CLASS: REMARK MARKETING COURSE ONE > TEST: COURSE ONE - QUIZ ONE".

The main content area is divided into several sections:

- Answer Key:** A section with a "Status" indicator (a green checkmark) and a "Delete" button.
- Respondents (10):** A table listing students and their scores. A "D2L" dropdown menu is open over the table, showing options: "Last synced: in a few seconds" and "Sync with D2L".
- Test Status:** A summary box showing "All students have taken this test", "Exceptions: 0", and "Flagged Images: 0". It includes buttons for "Review Data" and "Review Flagged Images".
- Test Breakdown:** A box showing "Class Average: 80%", "Questions: 10", and "Points: 10". It includes buttons for "Reports" and "Export Data".
- Objectives:** A section showing a progress bar for "Overall" and an "Edit" button.

Respondent	Score (Raw and Percent)	Sync Grades	Delete All
Amanda Topps	9/10 90%		
Brian White	8/10 80%		
Jeff Robinson	6/10 60%		
Jo Smith	8/10 80%		
Lisa Brown	9/10 90%		
Lorie Flank	10/10 100%		
Ray Little	8/10 80%		
Rob Monk	6/10 60%		

### Test Grading Analysis and Sample Reports

- **Quick and easy test grading.** Simply click the Reports button and select the report you would like to see. All the reports are shown as PDFs and can be easily printed, saved, emailed, or exported to Excel.
- **Advanced test grading.** For more advanced grading, use the Edit Answer Key button to set up an answer key, including allowing multiple correct answers, adjusting question points, adding learning objectives to measure against mandated standards, setting benchmark scores for comparison against established benchmarks, choosing a grade scale, and other grading information for your test.
- **Statistics calculated:**
  - For each answer choice: Frequencies, Percentages, Point Biserial.
  - For each student: Total score, Raw score, Grade, Dev. IQ, Number correct, incorrect and unanswered.
  - For the test: Number of graded tests and items, Max, Min, Median, Range, Percentile scores, Mean, Variance, Standard Deviation, Confidence Intervals (1,5,95,99%), KR20, KR21, Coefficient (Cronbach) Alpha.

- Test Grading Reports Examples

- **Student Statistics Report** - Used to view class performance for tests. Optionally shows detailed information about learning objectives, objective questions, and subjective questions. Great report for quickly seeing how students are performing and whether they are meeting standards.

Student Statistics Report					
Instructor: Teacher		Class: My Class		Test: Week One Quiz	
<b>Overall</b>					Benchmark: 80.00%
Student	Overall		Percent	Objective	Subjective
	Total			Total	Total
Ingrid Inkwell	21 / 25	84.00		11 / 15	10 / 10
Kody Kellogg	19 / 25	76.00		10 / 15	9 / 10
Laura Lincoln	16 / 25	64.00		10 / 15	6 / 10
Mark Malinski	19 / 25	76.00		11 / 15	8 / 10
Neil Northrup	21 / 25	84.00		12 / 15	9 / 10
Oliver Orwell	24 / 25	96.00		14 / 15	10 / 10
Peggy Peterson	20 / 25	80.00		11 / 15	9 / 10
Vince Valient	19 / 25	76.00		12 / 15	7 / 10
Wendy Wraz	20 / 25	80.00		12 / 15	8 / 10
<b>Mean</b>	19.89	79.56		11.44	8.44
<b>Spelling</b>					Benchmark: 75.00%
Student	Overall		Percent	Objective	Subjective
	Total			Total	Total
Ingrid Inkwell	4 / 4	100.00		4 / 4	0 / 0
Kody Kellogg	2 / 4	50.00		2 / 4	0 / 0
Laura Lincoln	2 / 4	50.00		2 / 4	0 / 0
Mark Malinski	2 / 4	50.00		2 / 4	0 / 0
Neil Northrup	3 / 4	75.00		3 / 4	0 / 0
Oliver Orwell	4 / 4	100.00		4 / 4	0 / 0
Peggy Peterson	2 / 4	50.00		2 / 4	0 / 0
Vince Valient	3 / 4	75.00		3 / 4	0 / 0
Wendy Wraz	3 / 4	75.00		3 / 4	0 / 0
<b>Mean</b>	2.78	69.44		2.78	0.00

- o **Test Analysis Report** – Used to see overall test performance so that if there are any red flags, you can go to a specific report to get more information.

Test Analysis Report			
Instructor: Teacher	Class: My Class	Test: Week One Quiz	
<b>Overall</b>			
9 students			
Average Score:	79.56%	(Benchmark: 80%)	
High Score:	96.00%	(Oliver Orwell)	
Low Score:	64.00%	(Laura Lincoln)	
<b>Test Statistics</b>			
Cronbach Alpha: 0.08 (low, indicates poor reliability)			
<b>Hardest Questions</b>		<b>Percent Correct</b>	<b>Easiest Questions</b>
Question5		33.33%	Question11
Question15		55.56%	Question12
Question7		55.56%	Question1
Question8		55.56%	Question10
Question14		66.67%	Question13
Question3		77.78%	Question2
Question4		77.78%	Question9
Question6		77.78%	Question3
Question1		88.89%	Question4
Question10		88.89%	Question6
<b>Item Statistics</b>			
Questions with poor discrimination (point biserial < 0.2): Question1, Question2, Question5, Question9, Question10, Question11, Question12, Question15			
<b>Learning Objectives</b>			
The class average of 69.44% fell short of the Spelling benchmark of 75.00%.			

- o **Student Response Report** - Provides a graphical view of each student on the test and each question on the test in a matrix style. This report allows you to quickly see performance on both a student and question level.

Student Response Report																			
Instructor: Teacher	Class: My Class	Test: Week One Quiz																	
<b>Legend:</b> Correct: <span style="color: green;">■</span> Incorrect: <span style="color: red;">■</span> Unanswered or Other Incorrect Response: <span style="border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span> Multiple Responses: *																			
	Total Score	Parent Score	Question1	Question2	Question3	Question4	Question5	Question6	Question7	Question8	Question9	Question10	Question11	Question12	Question13	Question14	Question15	Subjective	
<b>Students:</b>			A	B	B	E	D	A	C	D	A	A	D	E	D	C	E	B	10
<b>Answer Key:</b>	25	100.00																	
Ingrid Inkwell	21	84.00	A	B	E	C	C	A	C	D	A	A	E	D	C	C	E	B	10
Kody Kellogg	19	76.00	A	B	E	C	E	E	D	A	E	E	D	C	C	E	E	B	9
Laura Lincoln	16	64.00	A	B	C	E	D	A	D	C	A	A	E	D	C	D	E	B	6
Mark Malinski	19	76.00	A	B	B	D	E	E	C	E	A	A	E	D	C	E	E	B	8
Neil Northrup	21	84.00	A	B	E	E	A	C	D	A	A	E	D	C	C	E	E	B	9
Oliver Orwell	24	96.00	A	B	E	D	A	C	D	A	A	E	D	C	E	E	E	B	10
Peggy Peterson	20	80.00	D	B	E	E	D	A	B	E	A	A	E	D	C	E	A	B	9
Vince Valient	19	76.00	A	C	B	E	E	A	C	E	A	A	E	D	C	E	E	B	7
Wendy Wraz	20	80.00	A	B	E	E	A	C	D	B	A	A	E	D	C	E	E	B	8
<b>Average:</b>	19.89	79.56	89	89	78	78	33	78	56	56	89	89	100	100	89	87	56	8	



- **Class Learning Objectives Report** – Provides score information for the learning objectives defined for the test. Learning objectives provide scores for questions on a test that are tied to specific areas of knowledge, such as standards.

Class Learning Objectives Report						
Instructor: Teacher		Class: My Class		Test: Week One Quiz		
Learning Objective	Grade	Overall		Percent	Objective	Subjective
		Total	Percent		Total	Total
Overall	C	19.89 / 25.00	79.56		11.44 / 15.00	8.44 / 10.00
Spelling	D	2.78 / 4.00	69.44		2.78 / 4.00	0.00 / 0.00
Grammar	B	3.33 / 4.00	83.33		3.33 / 4.00	0.00 / 0.00

- **Student Achievement Report** – Provides scores for each student, sorted by whether they have met the benchmark set for the test, allowing you to quickly see who is and is not grasping the information.

Student Achievement Report			
Instructor: Teacher		Class: My Class	Test: Week One Quiz
<b>Overall</b> <span style="float: right;">Benchmark: 80.00%</span>			
Students	Percent		Achievement Gap (%)
Oliver Orvell	96.00		16.00
Neil Northrup	84.00		4.00
Ingrid Inkwell	84.00		4.00
Peggy Peterson	80.00		0.00
Wendy Wraz	80.00		0.00
Kody Kellogg	76.00		-4.00
Mark Malinski	76.00		-4.00
Vince Valient	76.00		-4.00
Laura Lincoln	64.00		-16.00
<b>Class Mean</b>	79.56		<b>-0.44</b>
<b>Spelling</b> <span style="float: right;">Benchmark: 75.00%</span>			
Students	Percent		Achievement Gap (%)
Oliver Orvell	100.00		25.00
Ingrid Inkwell	100.00		25.00
Neil Northrup	75.00		0.00
Vince Valient	75.00		0.00
Wendy Wraz	75.00		0.00
Peggy Peterson	50.00		-25.00
Laura Lincoln	50.00		-25.00
Kody Kellogg	50.00		-25.00
Mark Malinski	50.00		-25.00
<b>Class Mean</b>	69.44		<b>-5.56</b>
<b>Grammar</b> <span style="float: right;">Benchmark: 75.00%</span>			
Students	Percent		Achievement Gap (%)
Wendy Wraz	100.00		25.00
Kody Kellogg	100.00		25.00
Neil Northrup	100.00		25.00
Oliver Orvell	100.00		25.00
Laura Lincoln	75.00		0.00
Mark Malinski	75.00		0.00
Peggy Peterson	75.00		0.00
Vince Valient	75.00		0.00
Ingrid Inkwell	50.00		-25.00
<b>Class Mean</b>	83.33		<b>8.33</b>



- o **Student Feedback Report** – Provides overall and question specific feedback from instructions for each student. In addition, it provides scores for each student compared to the overall class average.

Student Feedback Report			
School: Gravic, Inc.	Class: Spanish 101		
Instructor: Mr. Smith	Test: Teste 9		
<b>Student: George Strawberry</b>			
Grade	% Score (Points)	Class Average	Comments
B	84.62% (11 / 13)	76.92%	You did a very good job on this test George!
Question Feedback			
Question	Points	Class Percent Correct	Comments
Q1	1 / 1	71.43%	
Q2	1 / 1	85.71%	
Q3	1 / 1	85.71%	
Q4	1 / 1	85.71%	
Q5	1 / 1	100%	
Q6	0 / 1	71.43%	This was a hard question! Make sure to study more next time.
Q7	1 / 1	85.71%	
Q8	1 / 1	42.86%	
Q9	4 / 5	-	Ya ma!

- o **Condensed Test Report** - Provides answer choice frequency information on a question by question basis, including distractor and class score information. This report is a great way to see question and class performance at a glance.

Condensed Test Report													
Instructor: Teacher			Class: My Class				Test: Week One Quiz						
Legend:			Distractors Chosen More than Correct Answer: <span style="color: red;">■</span>										
Total Possible Points:			25		Median Score:			20		Maximum Score:			24
Total Students:			9		Mean Score:			19.89		Minimum Score:			16
Standard Deviation:			2.02		Reliability Coefficient (KR20):			-0.66		Range of Scores:			8
No.	Question	Correct Answer	Response Frequencies					Non Distractor	Correct Group Responses			Point Biserial	
			A	B	C	D	E		Total %	Upper 27%	Lower 27%		
1	Question1	A	88.89	11.11	0.00	0.00	0.00	CDE	88.89	100.00	100.00	0.13	
2	Question2	B	0.00	88.89	11.11	0.00	0.00	ADE	88.89	100.00	100.00	-0.17	
3	Question3	B	0.00	77.78	11.11	0.00	11.11	AD	77.78	50.00	50.00	0.43	
4	Question4	E	0.00	0.00	11.11	11.11	77.78	AB	77.78	50.00	100.00	0.20	
5	Question5	D	0.00	0.00	11.11	33.33	33.33	AB	33.33	50.00	50.00	0.13	
6	Question6	A	77.78	11.11	0.00	0.00	11.11	CD	77.78	100.00	50.00	0.43	
7	Question7	C	0.00	22.22	55.56	22.22	0.00	AE	55.56	100.00	0.00	0.53	
8	Question8	D	0.00	0.00	11.11	55.56	22.22	AB	55.56	100.00	50.00	0.34	
9	Question9	A	88.89	11.11	0.00	0.00	0.00	CDE	88.89	100.00	100.00	-0.17	
10	Question10	A/D	88.89	0.00	0.00	0.00	11.11	BC	88.89	100.00	50.00	-	
11	Question11	E	0.00	0.00	0.00	0.00	100.00	ABCD	100.00	100.00	100.00	-	
12	Question12	D	0.00	0.00	0.00	100.00	0.00	ABCE	100.00	100.00	100.00	-	
13	Question13	C	0.00	0.00	88.89	11.11	0.00	ABE	88.89	100.00	50.00	0.44	
14	Question14	E	0.00	22.22	11.11	0.00	66.67	AD	66.67	50.00	50.00	0.27	
15	Question15	B	11.11	55.56	0.00	0.00	33.33	CD	55.56	50.00	50.00	-0.23	

- o **Item Analysis Report** - Provides answer choice frequency information on a question-by-question basis, which for test grading is useful for question validity. Using the Item Analysis report, you can see how students responded to the question. If problems are found (e.g., the question was poorly worded), you can throw out the question or allow additional responses to be considered correct without rescanning test forms.

Condensed Item Analysis Report					
Instructor: Teacher		Class: My Class		Test: Week One Quiz	
Legend: Correct: <span style="color: green;">■</span> Incorrect: <span style="color: red;">■</span> Distractors Chosen More than Correct Answer: <span style="color: yellow;">■</span>					
Question1			Question2		
Response	Frequency	Percent	Response	Frequency	Percent
*A	8	88.89	A	0	0.00
B	1	11.11	*B	8	88.89
C	0	0.00	C	1	11.11
D	0	0.00	D	0	0.00
E	0	0.00	E	0	0.00
Question3			Question4		
Response	Frequency	Percent	Response	Frequency	Percent
A	0	0.00	A	0	0.00
*B	7	77.78	B	0	0.00
C	1	11.11	C	1	11.11
D	0	0.00	D	1	11.11
E	1	11.11	*E	7	77.78
Question5			Question6		
Response	Frequency	Percent	Response	Frequency	Percent
A	0	0.00	*A	7	77.78
B	0	0.00	B	1	11.11
C	1	11.11	C	0	0.00
*D	3	33.33	D	0	0.00
E	3	33.33	E	1	11.11
No Response	2	22.22			
Question7			Question8		
Response	Frequency	Percent	Response	Frequency	Percent
A	0	0.00	A	0	0.00
B	2	22.22	B	0	0.00
*C	5	55.56	C	1	11.11
D	2	22.22	*D	5	55.56
E	0	0.00	E	2	22.22
			Multiple	1	11.11
Question9			Question10		
Response	Frequency	Percent	Response	Frequency	Percent
*A	8	88.89	*A	8	88.89
B	1	11.11	B	0	0.00
C	0	0.00	C	0	0.00
D	0	0.00	*D	0	0.00
E	0	0.00	E	1	11.11

- o **Student Grade Report** - The Student Grade Report provides a detailed grade report for each student included in the class, including an image of the completed test. You may print these reports and give them to your students, parents or other stakeholders.

Student Grade Report					
Instructor: Teacher		Class: My Class		Test: Week One Quiz	
Legend: Incorrect: <span style="color: yellow;">■</span> Partial Credit: <span style="color: orange;">■</span>					
<b>Student: Ingrid Inkwell</b>					
	Total Score		Score (%)		
Overall	21 / 25		84.00 <span style="color: green;">■</span>		
Spelling	4 / 4		100.00 <span style="color: green;">■</span>		
Grammar	2 / 4		50.00 <span style="color: red;">■</span>		
<b>Incorrect Responses</b>					
Question	Response	Correct Answer	Question	Response	Correct Answer
Question3	E	B	Question5	C	D
Question4	C	E	Question14	C	E

- **Student Test Report** - The Student Test Report is an overlay of each student's completed test with grade information. It includes comments that you enter about a particular question. You may print these reports and give them to your students, parents, or other stakeholders.

**Student:** Kody Kellogg  
**Test:** Week One Quiz  
**Class:** My Class  
**Instructor:** Teacher

**Student Test Report**

Overall Score: 19/25 (76.00%)  
 Objective Score: 10/15 (66.67%)  
 Subjective Score: 9/10 (90.00%)

1 ● (A) (B) (C) (D) (E) 11 (A) (B) (C) (D) ● 21 (A) (B) (C) (D) (E)

2 (A) ● (B) (C) (D) (E) 12 (A) (B) (C) ● (D) (E) 22 (A) (B) (C) (D) (E)

3 (A) (B) ● (C) (D) (E) 13 (A) (B) ● (C) (D) (E) 23 (A) (B) (C) (D) (E)

4 (A) (B) (C) ● (D) (E) 14 (A) (B) (C) (D) ● (E) 24 (A) (B) (C) (D) (E)

5 (A) (B) (C) (D) ● (E) D 15 (A) (B) (C) (D) ● (E) B 25 (A) (B) (C) (D) (E)

6 ● (A) (B) (C) (D) (E) A 16 (A) (B) (C) (D) (E)

7 (A) ● (B) (C) (D) (E) C 17 (A) (B) (C) (D) (E)

8 (A) (B) (C) ● (D) (E) 18 (A) (B) (C) (D) (E)

9 ● (A) (B) (C) (D) (E) 19 (A) (B) (C) (D) (E)

10 (A) (B) (C) (D) ● (E) A, D, 20 (A) (B) (C) (D) (E)

Teacher Use Only

26
9 / 10
(A) (B) (C) (D) (E)

- **Test Statistics Report** - Provides basic statistics on the test as a whole and is useful for gaining a quick look at performance and basic statistical analysis.

Test Statistics Report									
Instructor:	Teacher		Class:	My Class		Test:	Week One Quiz		
	Overall	Objective	Subjective	Spelling	Grammar				
<b>Score Data</b>									
Number of Graded Items	16	15	1	4	4				
Total Points Possible	25	15	10	4	4				
Maximum Score	24	14	10	4	4				
Minimum Score	16	10	6	2	2				
<b>Statistics</b>									
Mean Score	19.89	11.44	8.44	2.78	3.33				
Mean Percent Score	79.56	76.30	84.44	69.44	83.33				
Benchmark	80.00	-	-	75.00	75.00				
Range of Scores	8.00	4.00	4.00	2.00	2.00				
Standard Deviation	2.02	1.17	1.26	0.79	0.67				
Variance	4.10	1.36	1.58	0.62	0.44				
<b>Percentiles</b>									
Percentile (25)	19.00	-	-	2.00	3.00				
Median Score	20.00	11.00	9.00	3.00	3.00				
Percentile (75)	21.00	-	-	3.50	4.00				
Inter Quartile Range	2.00	-	-	1.50	1.00				
<b>Confidence Intervals</b>									
95%	18.33 - 21.45	-	-	2.17 - 3.38	2.82 - 3.85				
99%	17.62 - 22.15	-	-	1.90 - 3.66	2.59 - 4.08				
<b>Test Reliability</b>									
Kuder-Richardson Formula 20	-0.66	-	-	-0.32	-0.30				
Kuder-Richardson Formula 21	-1.07	-	-	-0.50	-0.33				
Coefficient (Cronbach) Alpha	0.08	-	-	-0.32	-0.30				
Standard Error of Measurement	1.94	-	-	0.90	0.76				

- **Test Item Statistics Report** - Provides statistical calculations on the test as a whole and on each learning objective. Some statistics are also provided for all objective questions and any subjective question and extra credit questions. This report is useful for gaining information on performance and statistical analysis.

Test Item Statistics Report							
Instructor: Teacher		Class: My Class			Test: Week One Quiz		
Question	Points	Summary Statistics				Reliability	
		Graded	Correct	Incorrect	Missing	Point Biserial	Percent Correct
Question1	1	9	8	1	0	0.13	88.89
Question2	1	9	8	1	0	-0.17	88.89
Question3	1	9	7	2	0	0.43	77.78
Question4	1	9	7	2	0	0.20	77.78
Question5	1	9	3	4	2	0.13	33.33
Question6	1	9	7	2	0	0.43	77.78
Question7	1	9	5	4	0	0.53	55.56
Question8	1	9	5	4	0	0.34	55.56
Question9	1	9	8	1	0	-0.17	88.89
Question10	1	9	8	1	0	-	88.89
Question11	1	9	9	0	0	-	100.00
Question12	1	9	9	0	0	-	100.00
Question13	1	9	8	1	0	0.44	88.89
Question14	1	9	6	3	0	0.27	66.67
Question15	1	9	5	4	0	-0.23	55.56

**Remark Test Grading Cloud Main Features:**

- **Dependable and accessible**
  - Accessible from any modern web browser (Mac, PC, Tablet...)
  - Runs on Amazon Web Services, the world's most popular hosting provider
- **Easy to setup and deploy**
  - Easy drag and drop of files for quick importing of class rosters from CSV and Excel
  - Supports rosterless classes by capturing image clips of student names written on test sheets
  - LMS connectors available for Canvas, Blackboard, and D2L to sync class rosters
- **Supports online and paper testing**
  - Create your own answer sheets tailored to your tests
  - Merges student, teacher, class, and test information onto printed answer sheets for easy identification and tracking
  - Allows for generic answer sheets with bubble-in student ID grids for larger classes
  - Supports multiple test versions to prevent cheating
  - Reads multiple choice questions in with varying answer schemas, including True/False
  - Enhance tests with the following elements:
    - Question text and answer labels for multiple choice questions
    - Images for logos or other information
    - Text labels and lines to separate question sections
    - Ability to customize text styles
    - Use of bubbles, squares, or rectangles for answer choices
  - Reads math grids (numbers, fractions, decimals)
  - Include open response points for essays and other write-in questions
  - Reads TIFF, PDF, and JPG images scanned outside of the application (e.g. from a network multi-function printer/scanner/copier)
  - Includes online testing where links are emailed to students and the test is completed online
  - Online tests can have one question per page which allows questions randomization to help prevent cheating
  - Supports Remark Electronic Bubble Sheets™ (fillable PDF test sheets) being emailed to students, who then email the completed test back to Remark Test Grading Cloud for grading
  - Allows for on-screen exception cleaning (i.e. for blank or multiple responses)
  - Allows hand-entry of test responses if sheets cannot be scanned
  - Tracks who has and has not taken a test on a class basis



- **Powerful Analysis and Extensible Results**

- Grades tests and produces grade reports including Item Analysis, Test Statistics, Student Response Report, Test Item Statistics, Student Grade, and Student Test Reports
- Allows for on-screen review and grading of open response questions, including awarding full or partial credit
- Provides scores for specific learning objectives in addition to the overall test
- Allows for custom grade scales
- Provides answer key customization to include setting question points, extra credit, multiple correct responses, and test benchmarks
- Allows for teacher comments to be added to questions and the overall test, which are displayed on select reports
- Easily export grades to gradebooks and student management systems or use one of our LMS connectors for seamless integration (Canvas, D2L, and Blackboard)

<b>System Requirements</b>
<ul style="list-style-type: none"> <li>• Modern browser (Microsoft® Internet Explorer® 10+, Apple® Safari® 8+, Mozilla® Firefox® 41+, Google Chrome™ 45+, Opera™ 32+, Microsoft® Edge® 12+)</li> </ul>
<ul style="list-style-type: none"> <li>• Oracle® JavaScript enabled</li> </ul>
<ul style="list-style-type: none"> <li>• Web storage enabled</li> </ul>
<ul style="list-style-type: none"> <li>• Accepts cookies</li> </ul>
<ul style="list-style-type: none"> <li>• PDF viewer for previewing tests and viewing reports (Adobe Acrobat Reader strongly recommended)</li> </ul>
<ul style="list-style-type: none"> <li>• Printer for printing tests</li> </ul>
<ul style="list-style-type: none"> <li>• Scanner/MFP for scanning completed tests</li> </ul>

**\*Note:** PDF viewer for previewing tests and viewing reports (Adobe Acrobat Reader strongly recommended)  
 NOTE: If you are using a non-adobe PDF reader it must have a browser plug-in to function properly in Remark Test Grading Cloud. Your PDF reader has a browser plug-in if you are able to open PDF files from within your web browser (e.g. Internet Explorer, Firefox, Chrome). If it does not open files in a browser, you may experience difficulties previewing tests and running reports. We strongly recommend that you download the Adobe Reader if you experience problems with these functions.

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