Contains:

- **Contact Information**
- **Remark Test Grading Cloud Overview**
- **Benefits for Teachers and Schools**
- **Supported Scanners**
- **Steps for Using Remark Test Grading**
  - Create a Class
  - Create a Test
  - Print Test Answer Sheets
  - Process Tests
  - Answer Key Options
  - Review Completed Tests
  - Run Test Grading Reports
- **Minimum System Requirements**
- **Remark Test Grading Main Features**
- **Licensing Options**
- **About Gravic, Inc.**

**Remark Test Grading Cloud Overview**

With a long history of providing easy to use products that save educators money and time, Gravic, Inc. presents **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. The answer sheets can be customized to include student, class, test, and teacher information and printed on plain (copy) paper. A teacher can bubble-in an answer key or can specify correct answers, test points, learning objectives, and more in the application. The completed test forms are scanned with an image scanner or MFP (multi-function printer). Then the test images are uploaded to the cloud and graded by the application. Remark Test Grading Cloud includes a variety of powerful test reports for student, class, and item performance on the test. Data can be sent to a gradebook, student management, or learning management system of your choice. Remark Test Grading Cloud is built from the market-leading Remark Office OMR and Remark Test Grading Desktop technology for the utmost in accuracy, and is available in the cloud for greater access and flexibility.

**Benefits**

- **Save Thousands of Dollars**
  - Create and print your own answer sheets – No special paper required
  - Use existing hardware (image scanners or multi-function printers)
    - Stop maintaining special machines that can only read expensive test forms
    - Turn any image scanner or MFP 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
- **Save Teachers Time Grading and Provide Comprehensive Test Analysis**
  - Teachers can scan their test sheets and have them automatically graded- No more manual data entry
  - Use for tests, exams, quizzes, and other assessments
  - Forms include a subjective area for grading essays, short answer, or other written answers
  - 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
- **Reliability at its Core**
  - Built on the industry leading framework of Remark Office OMR
    - For over 25 years the world’s most popular OMR software product!
**Scanners/Peripheral Options Supported**
Use any image scanner or multi-function printer (MFP) to capture 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.

**Step 1: Create a Class**
You can create a new class and then add a student roster. You can manually type your students or import your roster from a CSV or Excel file. You can also remove students from classes.
Step 2: Create a Test
The second step is to create a test answer sheet (bubble sheet). Add multiple choice, true/false, math, and open response (handwritten) questions to the test. You can also create generic test answer sheets that can be photocopied for multiple classes. Multiple choice questions can be formatted with just bubbles, or you can add question text and answer labels. Open response questions can use bubbles for the teacher to fill in the points earned before scanning, or just a blank space for students to write and teachers can grade the question on-screen after scanning.

Step 3: Print Tests
The third step is to print the test answer sheets. Tests contain student, class, teacher, and test information so that you can easily distribute the tests and identify which students have taken the test. Optionally, generic tests allow students to bubble in their ID numbers and can be used for any class and/or test. The bubble sheets can be printed on a laser printer or multi-function printer 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.
Step 4: Answer Key Options (Optional)
Answer keys can be defined in two ways: you can scan the answer key along with the student tests, or you can manually enter the answer key in the application. 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.

Step 5: Grade Tests
The fifth step is grading your answer sheets. You can scan your completed answer sheets and answer key with an image scanner or MFP. Then upload the images to Remark Test Grading Cloud for grading. Or use the Scan to Email function on your MFP to scan and email the test images right to Remark cloud. If you use Google Drive you can even import your images right from Drive.
Step 6: Review Data (Optional)
The sixth step is to review your student answer sheet responses (if needed). 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.

Step 7: Run Reports
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).
Test Grading Analysis and Sample Reports

- **Quick and easy test grading.** Just click the Reports link and select the report you would like to see. All the reports are shown as PDFs and can be easily printed, saved, or emailed.

- **Advanced test grading.** For more advanced grading, use the Edit Answer Key link 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.
- **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.

- **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.
o **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.

<table>
<thead>
<tr>
<th>Learning Objective</th>
<th>Grade</th>
<th>Total</th>
<th>Percent</th>
<th>Total</th>
<th>Subjective</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall</td>
<td>C</td>
<td>19.89 / 25.00</td>
<td>79.56</td>
<td>11.44 / 15.00</td>
<td>8.44 / 10.00</td>
</tr>
<tr>
<td>Spelling</td>
<td>D</td>
<td>2.78 / 4.00</td>
<td>69.44</td>
<td>2.78 / 4.00</td>
<td>0.00 / 0.00</td>
</tr>
<tr>
<td>Grammar</td>
<td>B</td>
<td>3.33 / 4.00</td>
<td>83.33</td>
<td>3.33 / 4.00</td>
<td>0.00 / 0.00</td>
</tr>
</tbody>
</table>

o **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.
- **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](image)

- **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](image)
- **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](image)

- **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 Test Report](image)
o **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]

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

o **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]

- 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.
Remark Test Grading Cloud Main Features:

- Accessible from any modern web browser (Mac, PC, Tablet...)
- Runs on Amazon Web Services, the world’s most popular hosting provider
- Stores teacher, class, and student information
- Easy drag and drop of files for quick importing of class rosters from CSV and Excel
- 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)
- Includes 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)
- Allows for emailing of fillable PDF answer sheets to students, who then email the completed test back to Remark cloud
- 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
- Grades tests and produces grade reports including Item Analysis, Test Statistics, Student Response Report, Test Item Statistics, Student Grade, and Student Test Reports
- Provides scores on 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 displayed on the Student Test Report
- Exports raw data and grades to several formats (CSV, Excel, Access, Blackboard, Canvas, and more) for easy import into other applications such as gradebooks, student management, and learning management systems
System Requirements

- Modern browser (Microsoft® Internet Explorer® 10+, Apple® Safari® 8+, Mozilla® Firefox® 41+, Google Chrome™ 45+, Opera™ 32+, Microsoft® Edge® 12+)
- Oracle® JavaScript enabled
- Web storage enabled
- Accepts cookies
- PDF viewer for previewing tests and viewing reports (Adobe Acrobat Reader strongly recommended)
- Printer for printing tests
- Scanner/MFP for scanning completed tests

*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.

About Gravic, Inc.

Gravic, Inc. is a privately-held corporation located in Malvern, PA, USA. We make a number of computer software products for data collection, transformation and distribution uses and have tens of thousands of licensees in over 130 countries. The Remark Products Group of Gravic, Inc. was founded as Principia Products in 1991. With 25+ years in the industry, Remark personnel are experts at OMR technologies. Please visit our web site at www.RemarkSoftware.com/about to learn more about our company, values, and purpose.