



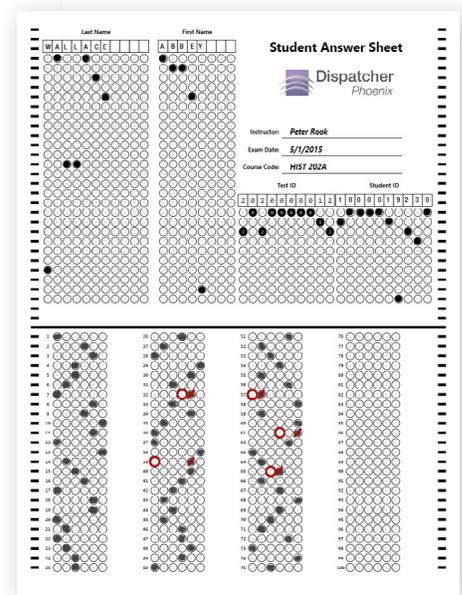
Giving Shape to Ideas

Dispatcher® Phoenix Bubble Grader:
Raising the Grade in Testing and Assessment.

education



Results. Grading and analyzing test results is a never-ending educational task – but it does not have to compromise teaching and learning. Konica Minolta's Bubble Grader solution lets teachers quickly and easily print their own bubble sheet tests with Optical Mark Recognition technology on plain paper, from bizhub® and other MFPs – then scan and grade results automatically, with data reports at their fingertips in minutes.



Increase Efficiency While Saving Money.

Included as part of the Dispatcher Phoenix Education application, a proven solution for boosting educational productivity, Bubble Grader takes the burden from teachers and school administrators. Teachers will not have to take tests home at night to grade. With this automated scoring and assessment solution, they will be able to spend more time in the classroom focusing on what is really important – educating their students.

Fast, Accurate and Cost-Effective.

With Bubble Grader, there is no need for costly preprinted bubble test forms that must be stored, discarded, upgraded or reprinted. Accuracy is improved, security is maintained, and you can output bubble test sheets at the print speed of your MFP – 30, 40, even 50 pages per minute. You can also say goodbye to complex test scanning systems, which are slow to operate and difficult to master.

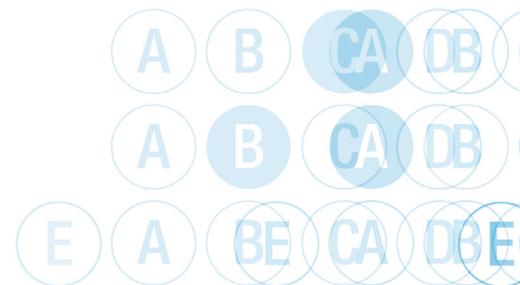
Generate Tests.

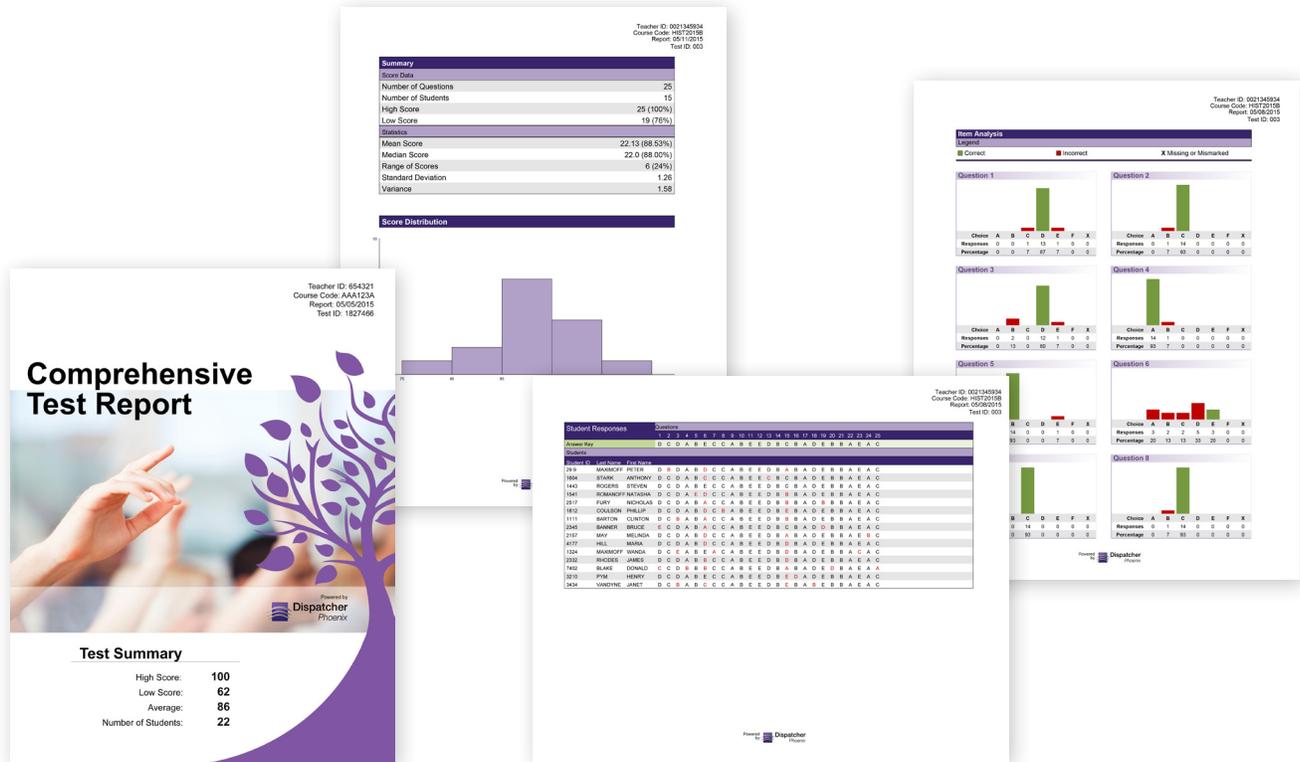
Creating your own bubble sheet tests can be a time-saving educational advantage. An easy-to-use tool, included with the Bubble Grader solution, lets teachers create and customize their own bubble sheet test and answer keys. Using the Bubble Sheet Generator Tool, they can:

- View a preview of the selected test template
- Customize the test with Test ID, Instructor Name, Student Name, Exam Name and Date
- Choose a custom logo to be included on each test
- Specify the number of answer sheets to print
- Specify output paper size and orientation
- Generate bubble sheet tests and answer sheets

Grade Results.

When bubble sheets have been distributed and tests have been taken, grading is easy. Teachers place their filled-out answer key on top of the stack of tests in the document feeder of the MFP. Pushing the scan button starts the process – tests are scanned and graded automatically and reports are generated. You can print out the corrected tests, store them in a local or network folder, upload them to a document management system, even send them as email attachments to colleagues and school administrators.





Assess Progress.

The Dispatcher Phoenix Bubble Grader solution does more than prepare and grade your tests – it can also help you compile and analyze your data, an essential feature needed to improve educational outcomes. Four automatically-generated assessment reports enable teachers and administrators to chart the progress of individuals and groups, compare classroom and school performance against ministry standards, spot trends in student achievement and identify areas for improvement.

- **Test Summary Statistics Report:** a summary report that gives basic statistics on test grades as a class overall. Statistics include mean, median, standard deviation and range.
- **Item Analysis Report:** gives a breakdown of each item and the frequency and percentage of students that responded to each question both correctly and incorrectly.
- **Student Response Report:** provides a report on each individual student's responses to each question along with the summary statistics.
- **Comprehensive Test Report:** combines all of the above into an all-encompassing report.



Comprehensive Test Report

Teacher ID: 001345934
Course Code: AA1122A
Report: 05/05/2015
Test ID: 1527468

Test Summary

High Score: 100
Low Score: 62
Average: 86
Number of Students: 22

Teacher Answer Key
Dispatcher Phoenix
Name: Peter Paul
Date: 5/7/2015
Subject: English C2
Pages: 8/11

Answers: A, B, C, D, E, F, X

Question 1: A, B, C, D, E, F, X
Responses: 0, 0, 1, 13, 1, 0, 0, 0
Percentage: 0, 0, 7, 67, 7, 0, 0, 0

Question 2: A, B, C, D, E, F, X
Responses: 0, 1, 14, 0, 0, 0, 0, 0
Percentage: 0, 7, 63, 0, 0, 0, 0, 0

Question 3: A, B, C, D, E, F, X
Responses: 0, 2, 0, 12, 1, 0, 0, 0
Percentage: 0, 10, 0, 60, 5, 0, 0, 0

Question 4: A, B, C, D, E, F, X
Responses: 0, 1, 10, 0, 0, 0, 0, 0
Percentage: 0, 5, 45, 0, 0, 0, 0, 0

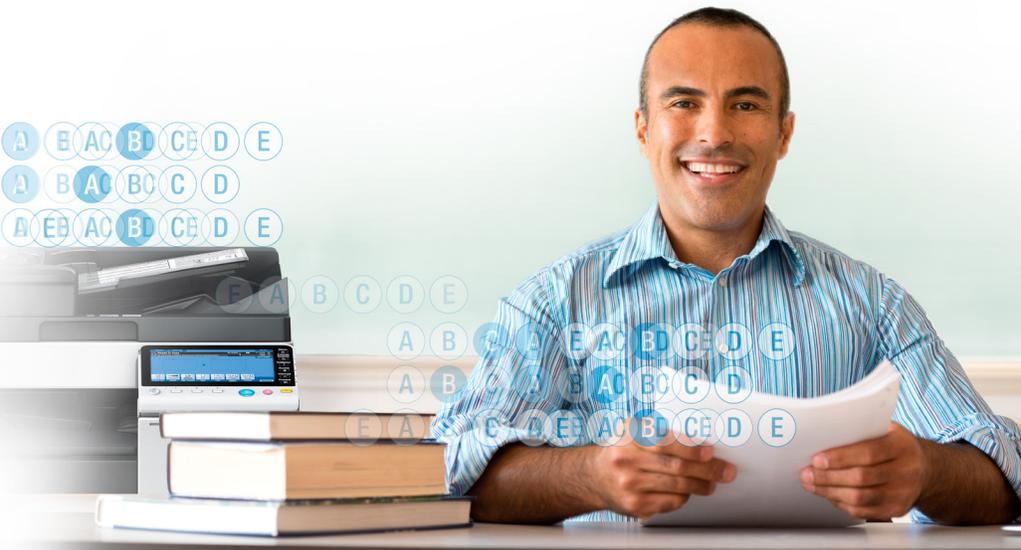
Question 5: A, B, C, D, E, F, X
Responses: 0, 1, 14, 0, 0, 0, 0, 0
Percentage: 0, 5, 63, 0, 0, 0, 0, 0

Question 6: A, B, C, D, E, F, X
Responses: 0, 2, 2, 5, 3, 0, 0, 0
Percentage: 0, 10, 10, 23, 14, 0, 0, 0

Question 7: A, B, C, D, E, F, X
Responses: 0, 1, 15, 0, 0, 0, 0, 0
Percentage: 0, 5, 68, 0, 0, 0, 0, 0

Solutions.

Konica Minolta's Bubble Grader solution is included with the Dispatcher Phoenix Education application, which automates repetitive manual tasks and simplifies document processing for educators and administrators. With Dispatcher Phoenix Education, admissions applications can be quickly and easily organized and shared in the cloud, educational documents can be converted to searchable and editable text, student records can be indexed at the MFP, and much more. Bubble Grader is also available as an optional module for all other editions of Dispatcher Phoenix.



Visit kmbs.konicaminolta.us/dispatcherphoenix for more information on the complete family of Dispatcher Phoenix offerings.

The Dispatcher Phoenix Family of Automated Document Workflow Solutions

Dispatcher Phoenix Foundations

Perfect for small to mid-size business needs, with powerful features for scanning, routing and processing.

Dispatcher Phoenix Professional

Adds more document processing power and sophisticated tools for rules-based distribution throughout large organizations.

Dispatcher Phoenix Vertical Editions

Other versions of Dispatcher Phoenix provide targeted benefits for specific industries, including Legal, Healthcare, Finance and Government.

Powerful and Economical with Easy-to-Use Features

All versions of Dispatcher Phoenix include a graphical Workflow Builder tool, a Workflow Scheduler, LiveFlo technology, MFP integration with a visually enhanced display, document indexing and Windows Explorer-like folder browsing at the MFP, and robust authentication options.

Add-In Options

With Dispatcher Phoenix's modular architecture, you can increase the power of your workflow at any time by purchasing add-in modules such as forms processing with pattern matching technology, a convenient and secure Release2Me print release system, advanced job routing processes, and much more.

Connectors

A variety of connectors to popular content management systems and cloud storage service solutions are available, including Workshare®, OnBase® by Hyland, Worldox® by World Software, Microsoft SharePoint® and OneDrive®, Box®, Dropbox®, WebDAV, FilesAnywhere®, Konica Minolta's FileAssist, Google Drive, etc.



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