

# Technology Based Measurement and Evaluation Tools (44 Tools, Updated August 2025)

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 : AI-Powered Tools

 : School/institution-specific license

Category	Vehicle / System	Pricing (Terms of Use)	Features and Notes	Links
1. Feedback Methods	Kahoot!	Freemium (Free basic, advanced features are paid)	A gamified multiple-choice quiz tool. Students participate via phone or PC, and questions are displayed on the classroom screen. Instant scoring and rankings create a sense of competition. Research has shown that using Kahoot significantly increases student motivation and retention. Ideal for large groups. <b>Alternative:</b> Wayground (Quizizz).	<a href="https://kahoot.com">https://kahoot.com</a> <a href="https://wayground.com/">https://wayground.com/</a>
	Mentimeter	Freemium (Basic version is free)	It offers activities like live polls, word clouds, and open-ended questions. It can be integrated into presentations. Student responses are displayed graphically in real time. It's especially useful for adding an interactive element to a lesson and gathering feedback.	<a href="https://www.mentimeter.com">https://www.mentimeter.com</a>
	Socrative	Freemium (Teacher account is free, Pro version is paid)	Real-time quizzes, tests, and exit tickets. Provides instant tracking of student progress. Question types: multiple choice, true-false, short answer. Effective for small and medium-sized classes; results can be downloaded as Excel/PDF.	<a href="https://www.socrative.com">https://www.socrative.com</a>
	Poll Everywhere	Freemium (Free up to a certain user/response limit)	A survey and voting tool that can be integrated into slides. Students can participate via web or SMS. It instantly projects responses as graphics or text. It's also used by conferences and large classes, increasing participant engagement.	<a href="https://www.poll Everywhere.com">https://www.poll Everywhere.com</a>
	Eduflow	Freemium (Limited free class)	It's a platform that allows students to anonymously evaluate each other's assignments or projects. As an instructor, you assign an assignment, and the system randomly pairs students and asks them to comment on	<a href="https://www.eduflow.com">https://www.eduflow.com</a>



			a specific rubric. This feedback is then collected and shared with each student. Peergrade is currently called Eduflow and offers a limited free trial (paid for larger classes). It's considered valuable in higher education, particularly in the assessment of written work, as it allows students to experience the roles of both assessor and assessed.	
	Teammates	Free	It's an open-source peer-assessment platform. It's used primarily in group projects, allowing group members to evaluate each other. Students rate and interpret their teammates' contributions based on specific criteria, and the system compiles this data and reports it to the instructor. The advantage of being completely free is its drawback: its interface is relatively outdated and requires installation.	<a href="https://teammatesv4.appspot.com">https://teammatesv4.appspot.com</a>
	Peergrade AI 📖	Basic use is free, Pro features are paid	Analyzes the quality of feedback during the peer review process.	<a href="https://www.peergrade.io">https://www.peergrade.io</a>
	Eduflow AI 📖	Freemium; advanced usage fee	It offers AI-powered learning paths and assessment feedback.	<a href="https://www.eduflow.com">https://www.eduflow.com</a>
2. Performance Evaluation Tools	CorrectMe, WriteSonic EDU 📖	Free; Pro plan available for advanced features	Provides instant formative feedback on written texts.	<a href="https://correctme.app">https://correctme.app</a> <a href="https://writesonic.com">https://writesonic.com</a>
	e-rater 📖		Automatic writing evaluation system can analyze grammar and meaning.	<a href="https://www.ets.org/s/corp/automated-scoring.html">https://www.ets.org/s/corp/automated-scoring.html</a>
	Grammarly EDU 📖	Freemium offers a special EDU license for institutions 🏠	Sentence-level text analysis provides AI-powered suggestions.	<a href="https://www.grammarly.com/edu">https://www.grammarly.com/edu</a>
	Edpuzzle AI 📖	Freemium; limited content, school licenses available 🏠	Creates and analyzes measurement activities on video content.	<a href="https://edpuzzle.com">https://edpuzzle.com</a> <a href="https://edpuzzle.com/schools">https://edpuzzle.com/schools</a>



	e-rater 📖		It analyzes texts in terms of grammar, structure, and content using artificial intelligence. Developed by ETS.	<a href="https://www.ets.org/s/corp/automated-scoring.html">https://www.ets.org/s/corp/automated-scoring.html</a>
	OpenAI GPT systems 📖		It can perform text evaluation and text classification at the semantic level.	<a href="https://platform.openai.com">https://platform.openai.com</a>
	WriteToLearn 📖		Provides automated assessment to improve reading comprehension and writing skills.	<a href="https://www.pearsonassessments.com/store/usassessments/en/Store/Professional-Assessments/Learning-Platforms/WriteToLearn/p/100000324.html">https://www.pearsonassessments.com/store/usassessments/en/Store/Professional-Assessments/Learning-Platforms/WriteToLearn/p/100000324.html</a>
	Turnitin Revision Assistant 📖	Paid for corporate use	It provides feedback to improve the articles with the support of artificial intelligence.	<a href="https://www.turnitin.com/products">https://www.turnitin.com/products</a>
	Project Essay Grade (PEG) 📖		It is an early stage automatic writing evaluation system based on mathematical models.	<a href="https://measurementinc.com/Products/PEG">https://measurementinc.com/Products/PEG</a> - Seems to be temporarily closed.
	Riff Analytics 📖	Quote-based pricing for corporate use 🏠	Measures speaking time, participation and interaction in video conferences.	<a href="https://www.riffanalytics.ai">https://www.riffanalytics.ai</a>
	SpeechRater 📖	Corporate use (licensed for ETS use)	It evaluates foreign language speaking skills based on intonation, fluency and emphasis.	<a href="https://www.ets.org/speechrater.html">https://www.ets.org/speechrater.html</a>
	AI-Powered Rubric Evaluation 📖	Integrated with Turnitin system; dependent on institutional license 🏠	It is a rubric analysis of video/photo-based performances with artificial intelligence.	<a href="https://www.turnitin.com/blog/ai-writing-rubrics">https://www.turnitin.com/blog/ai-writing-rubrics</a>
3. Exam and Test Management	Google Forms (Test Mode)	Free (with Google account)	While Google Forms is a survey tool, its quiz mode allows it to be adapted for exams. Multiple choice, matching, and short-answer questions can be created. When the correct answer key is entered, it automatically calculates the score and provides students with instant results if desired. It's a practical solution because it's easy to set up and share.	—
	Moodle Quiz Module	Free (Open source LMS)	The exam module runs on an open-source LMS like Moodle. It supports a wide range of question types, including multiple choice, fill-in-the-blank, matching,	—



			and computational questions. It includes advanced features such as time limits, random selection from a question pool, and random ordering of options for exam security. Results are recorded in a gradebook. It's a customizable solution suitable for use in large-scale classes.	
	Blackboard/Canvas Quizzes	Paid (within LMS packages)	Commercial LMSs (Blackboard, Canvas, etc.) used by many universities include built-in exam tools. These tools offer similar functionality to Moodle but require an institutional license. Their advantage is that they integrate with the campus system, providing user management and security features readily available. These platforms also typically provide extensive reporting, analytics, and question bank support.	<a href="https://www.instructure.com/canvas/features/quizzes">https://www.instructure.com/canvas/features/quizzes</a>
4. Data-Based and Technical Analysis Tools	Gradescope	Free & Paid (Basic features are free)	Gradescope is an assessment platform that has become quite popular in universities. Students scan and upload their paper-based exams or write their codes/answers online; the instructor pre-defines the correct answers and assessment criteria in the system. Gradescope's AI-powered feature groups similar handwritten answers and allows you to grade them collectively. This dramatically speeds up exam reading, especially in large classes. It can also run automated tests for programming questions. Individual instructor use is free at many institutions, and it can be integrated into the LMS with an institutional license. In handwritten and coded exams, AI groups similar answers and reduces grading time.	<a href="https://www.gradescope.com">https://www.gradescope.com</a>
	CodeRunner (Moodle plugin)	Free (Moodle plugin)	An exam question plugin that automatically compiles and runs student code in programming courses to check results. It's installed in Moodle. The instructor writes test code for each programming question, the student enters their code as the answer, and the system tests the code and awards full points if it's correct or reports an error. Because the answer is evaluated instantly, the student receives immediate feedback. It's	<a href="https://coderunner.org.nz">https://coderunner.org.nz</a>





			completely free and open source, but installation requires some technical knowledge.	
	Jupyter Notebook + NBGrader	Free (Open source tools)	This approach is particularly used in fields like computer science and data science. Exercises created within Jupyter Notebook can be automatically assessed with the NBGrader plugin. Students fill in the gaps or complete code blocks within the Notebook, and instructor-prepared tests run in the background to mark correctness. This provides immediate feedback to the student. It's a free and flexible system, but widespread use may require some technical effort.	<a href="https://nbgrader.readthedocs.io/en/stable/">https://nbgrader.readthedocs.io/en/stable/</a>
	CodeRunner		Automatically tests student codes and provides true/false feedback.	<a href="https://coderunner.org.nz">https://coderunner.org.nz</a>
	Canvas Insights		Provides success predictions by analyzing student data.	<a href="https://www.instructure.com/canvas/higher-education/features/analytics">https://www.instructure.com/canvas/higher-education/features/analytics</a>
	NBGrader		Open source tool that scores code-based exams using Jupyter Notebook.	<a href="https://nbgrader.readthedocs.io/en/stable/">https://nbgrader.readthedocs.io/en/stable/</a>
	CodeSignal / HackerRank EDU		Provides automatic testing and evaluation of algorithm-based exams.	<a href="https://codesignal.com">https://codesignal.com</a>
	Moodle Analytics		Identifies at-risk students based on attendance and activity data.	<a href="https://moodle.org/plugins/report_in_sights">https://moodle.org/plugins/report_in_sights</a>
	IBM SPSS Modeler + Training Data		Creates AI-powered models for enterprise-level success prediction.	<a href="https://www.ibm.com/products/spss-modeler">https://www.ibm.com/products/spss-modeler</a>
	Azure AI LMS integration		It provides learning process insights by analyzing all digital interactions.	<a href="https://azure.microsoft.com/en-us/solutions/education">https://azure.microsoft.com/en-us/solutions/education</a>
	Turnitin	Paid (Institution)	A platform for collecting assignments, similarity	<a href="https://www.turnitin.com/products">https://www.turnitin.com/products</a>



		licensed)	analysis (plagiarism detection), and online assessment. Students upload their assignments to Turnitin, where the system compares them against a large database and generates reports. Instructors can grade and comment on assignments on the same platform. This is a paid service, typically available through a university subscription. It has become the industry standard, particularly for academic integrity and text-based assignments.	
	Canvas SpeedGrader	Paid (with Canvas LMS)	Canvas is an assignment assessment tool within the LMS. Assignments uploaded by students are viewed through the browser; instructors can annotate and comment directly on the file. Grading can be done with a single click by defining rubrics. Once the entire grading process is complete, feedback is sent to the student all at once. It provides great convenience, but it cannot be used separately if you don't have a Canvas system.	<a href="https://community.canvaslms.com/t5/Instructor-Guide/How-do-I-use-SpeedGrader/ta-p/714">https://community.canvaslms.com/t5/Instructor-Guide/How-do-I-use-SpeedGrader/ta-p/714</a>
	Open Moodle Assignment	Free (inside Moodle LMS)	Homework functionality within the Moodle LMS. Students upload their work, such as documents, presentations, and project files, to the system. They receive their work by the specified deadline and mark overdues separately. Optionally, Turnitin can be integrated with plugins for similarity checking. As an instructor, you can grade and leave feedback. Because it's completely free and customizable, it's preferred by many institutions.	<a href="https://docs.moodle.org/311/en/Assignment_activity">https://docs.moodle.org/311/en/Assignment_activity</a>
	Mahara	Free (Open source)	Mahara is a popular e-portfolio platform. Pages/sites are created for each student, and the work (writing, files, images, videos) produced throughout the semester is uploaded and displayed. Instructors can review and evaluate the student's Mahara portfolio. Mahara can be either standalone or integrated with Moodle. Because it's free and open source, it's frequently used by educational institutions.	<a href="https://mahara.org">https://mahara.org</a>



5. Product- and Content-Oriented Assessment	Seesaw	Freemium (Basic features are free)	While primarily designed for K-12, it's a platform that operates on a portfolio principle. Students can add their work in various formats, including photos, videos, drawings, and text. Teachers can comment and share with families. Its simple interface makes it a low-impact platform. It can be used in university courses, particularly art or teaching practice.	<a href="https://web.seesaw.me">https://web.seesaw.me</a>
	H5P	Free (Open source)	H5P is an open-source content development library. It includes over 40 activity types, including interactive quizzes, matchings, drag-and-drop activities, and interactive videos. Instructors can use H5P to create web-based assessment content without any technical coding knowledge. For example, a drag-and-drop activity can be designed to fill in the blanks within a text. H5P modules can be integrated into systems like Moodle and Canvas or run as standalone web pages. They are notable for their complete freedom and diverse interactivity.	<a href="https://h5p.org">https://h5p.org</a>
	Quizlet	Freemium (Use for free, Plus is paid)	Essentially a digital flashcard app, Quizlet is frequently used for learning, but it also offers assessment functionality with quiz and game modes. Students match terms, write definitions, and compete as a team with Quizlet Live. It's particularly effective for learning concepts and definitions. The free version offers basic features, while the paid version offers additional game types and exam analytics.	<a href="https://quizlet.com">https://quizlet.com</a>
6. Adaptive Test Systems	Duolingo English Test 		It provides high validity measurement in a short time with artificial intelligence-supported question adaptation. It asks questions of appropriate difficulty to the student using machine learning.	<a href="https://englishtest.duolingo.com">https://englishtest.duolingo.com</a>
	GRE, GMAT CAT systems 		It is sensitive to individual differences thanks to its computer-aided adaptive test structure.	<a href="https://www.ets.org/gre/test-takers/general-test/about/content.html">https://www.ets.org/gre/test-takers/general-test/about/content.html</a>
	Khan		It recommends and measures individual-specific tasks	<a href="https://www.khanacademy.org">https://www.khanacademy.org</a>



	Academy Smart Practice 📖		based on response history.	
	DreamBox Learning 📖		It offers personalized assessment and learning methods in mathematics teaching.	<a href="https://www.dreambox.com">https://www.dreambox.com</a>

