Atomic Assessments

Overview
Atomic Assessments is a tightly integrated add on for your LMS which supports sophisticated formative and summative assessments using over 60 question types, multi-part questions, and detailed analytics. This external tool can be used to create stand alone tests or you can use it to insert interactive activities directly into pages.

Author

Easy to Learn and Use
- Intuitive interface with minimal training required
- Import existing QTI to use content you already have

Professional Authoring Workshop
- Generate assignments from item banks
- Offer multiple attempts for individual questions
- Dynamic learning algorithms with adaptive testing options
- Use data tables to vary content to prevent cheating

High Stakes Tests

High Security
- Proctoring - Integration with Proctorio including over 30 customizable settings.
- Timed Exams - Automatic or proctor forced submission.
- Secure - Server side grading.

Customized Settings
- Penalties - Allow students to check answers and penalize them for guessing.
- Settings - Use fine grained assignment settings to meet specific needs.
- Student Accommodations - Override settings for specific students.
Interactive Activities

Boost Student Engagement

- **Embed activities** - Insert interactive activities into content pages.
- **Feedback control** - Control the content and timing of feedback.
- **Practice** - Allow un-scored attempts, control number of attempts, self-check, review and more.
- **Facilitate effective learning** - Response specific feedback, hints, sample answers.

Time Effective for Teachers

- **Low grading burden** - Over 40 auto-graded question types.
- **Meet student needs** - Tightly integrated with Speedgrader™ and easy, detailed reporting available for each assignment and student (see Analyze section).
- **Collaboration** - Ability to copy and share content across your Canvas instance.
- **Consistency** - Create template assignment settings on a course or institution level.

Analyze

- Seamless Gradebook and Speedgrader™ integration.
- Get powerful insights on student performance at both an individual and group level.
- Detailed reporting on student performance, item statistics, learning outcomes and response patterns.
- Quickly identify learners that have mastered material or need additional support.
- Statistical measures and ability to drill down to find solutions.
Enabling Publishers

- **Seamless Transfer** - Deliver LMS ready-to-use courses or standards aligned item banks that teachers can assign to students.
- **Flexibility** - Lock content or allow teachers to customize and create their own sophisticated assessments.

Transform Your Canvas

Tackle virtual class boredom, boost learner engagement and success by including a variety of different learning styles by using over 60 different question and feature types in your Canvas pages, assignments and assessments.
Atomic Assessments Question Types

**Graphing**
- Standard Graphing
- Graphing in the 1st quadrant
- Number line with drag & drop
- Number line with plot

**Math**
- Math formula
- Math with fractions
- Math - fill in the blanks
- Math with text
- Math with matrices
- Math with units
- Math essay with rich text
- Cloze math
- Cloze math with image
- Math question generator

**Highlight & Drawing**
- Highlight image
- Drawing on image
- Shading grid
- Token highlight
- Hotspot
Fill in the Blanks (Cloze)

- Cloze with drag & drop
- Cloze with drop-down
- Cloze with text
- Label image with drag & drop
- Label image with drop-down
- Label image with text

Charts

- Bar chart
- Line chart
- Histogram
- Dot plot
- Line plot

Chemistry

- Chemistry formula
- Cloze chemistry
- Chemistry essay with rich text
- Cloze chemistry with image

Multiple Choice

- Multiple choice - standard
- Multiple choice - multiple response
- True or false
- Multiple choice - block layout
- Choice matrix - standard
- Choice matrix - inline
- Choice matrix - labels
Classify, Match & Order

- Classification
- Match list
- Order list
- Sort list

Written & Recorded

- Essay with rich text
- Essay with plain text
- Short text
- Audio recorder
- Regular expression short text

Other

- File upload
- Image annotation upload
- Rating
- Gridded

Tools

- Protractor and Ruler
- Image tool
- Calculator and Scientific Calculator
- Audio player
- Passage
- Video player
- Line reader