



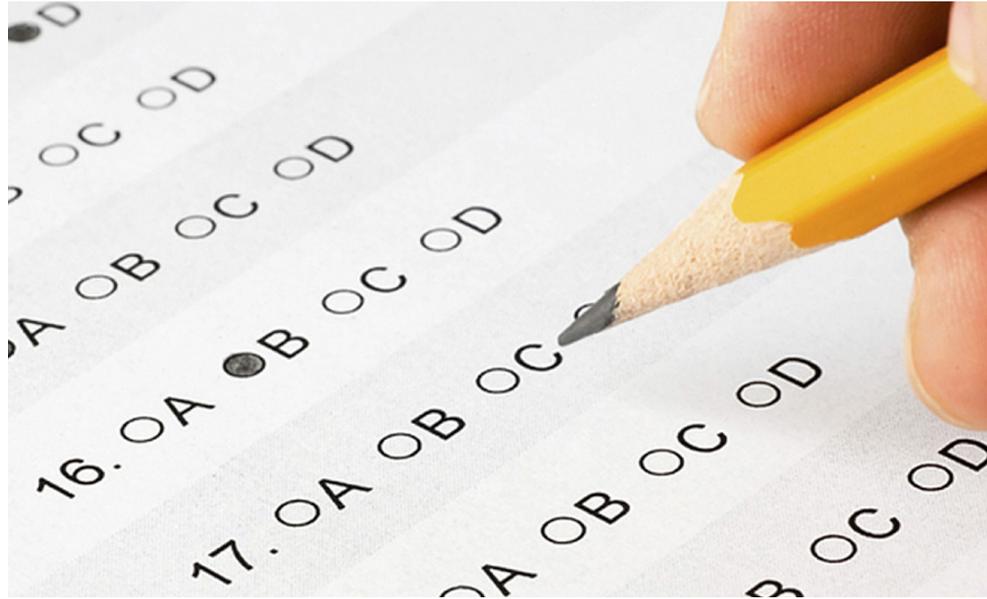
An Introduction

v1.22.2018

Moving beyond the challenges of assessment

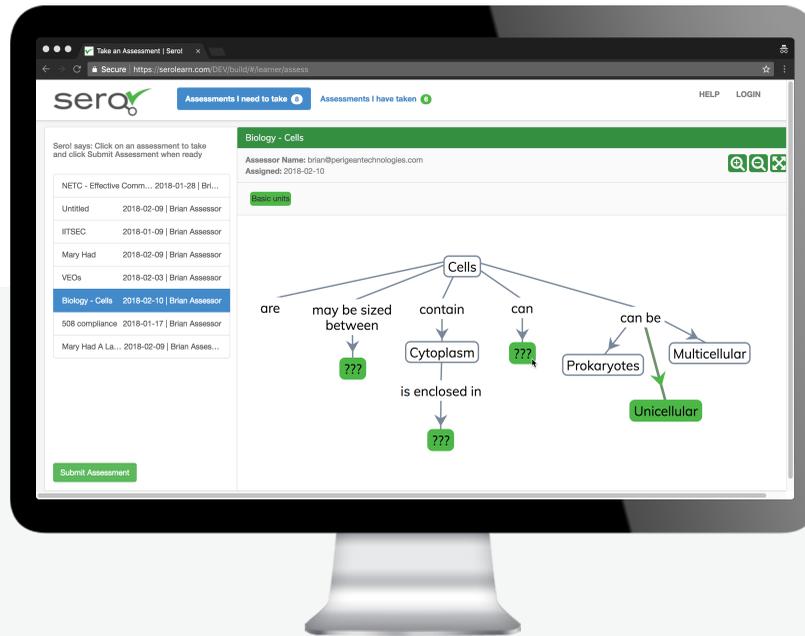
Language-based assessments – like multiple choice, fill-in, or essays – have long suffered from challenges. MC basically assesses recognition, fill-ins assess recall, and essays require writing skills. MC and fill-ins present questions in a sequence – treating each as though they are unrelated. MC questions are difficult to write well, while essays are difficult and time-consuming to grade.

Many of today's e-assessment systems don't tackle these hard problems – they simply bring them online. Item banks still rely on the same old assessment types. Writing assignments are only supported by uploading documents written in other systems.



It's time for deeper knowledge assessment,
accelerated.

Sero! is an award-winning, next-generation knowledge assessment platform based in concept mapping.



Authoring

- Create, select or import concept maps about any topic to generate a MasterMap
- Select concepts and/or relations for assessment
- Introduce distractor content
- Mix and match assessment types
- Vary difficulty by content, number and types of items



Dissemination

- Cloud-based platform
- Disseminate to unlimited number of Takers — classroom to large-scale
- Guided task with instructions and help for Takers
- Data-sharing with other learning technologies through xAPI
- Data protection with SSL



Feedback

- Automated scoring through comparison with MasterMap
- Visualized results
- Real-time feedback for formative assessment (*available soon*)
- Assessor provided feedback enhances learning value (*available soon*)

How it Works

ASSESSOR

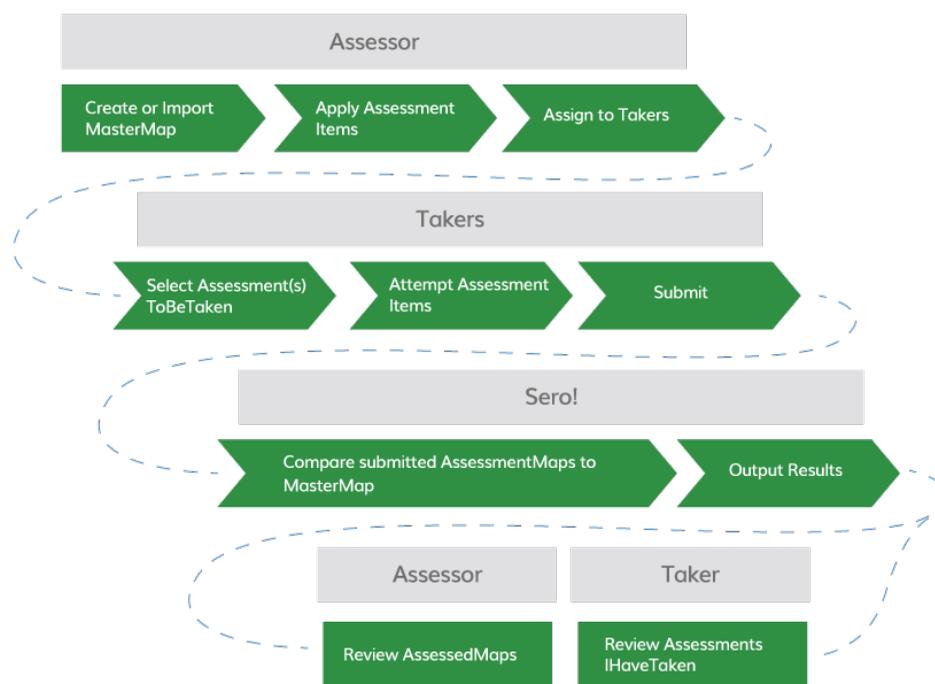
Assessors create or import a MasterMap in Sero!, which represents knowledge that is standard, common, and/or commonly agreed to, for any given domain. Assessors then apply assessment items and assign the assessment to Takers.

TAKER

Takers select their assessments ToBeTaken. Takers then attempt the assessment items and submit their AssessmentMap in Sero!. Maps can be worked in sequence to guide a learning pathway.

SERO!

Sero! compares submitted AssessmentMaps from the Takers to the MasterMap created by the Assessor and outputs results. Both Assessors and Takers can access visualized and numeric results.



Traction



- » Method included in U.S. Department of Education's National Assessment of Educational Progress Science Framework
- » Multi-year funding through DoD
- » Multiple recognitions for innovation in assessment
- » Advisory panel including Pearson Center for Next Gen Learning & Assessment and Stanford University



Workshops

Whether deploying Sero! across a diverse district or enhancing capabilities of a small consultancy, Sero! Learning Assessments' customized Professional Development Workshops are the one-stop shop for accelerating your organization's deep assessment skills through Sero! deployment.





serolearn

Deeper knowledge
assessment, **accelerated.**

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