

Scoring Service API

ASSESSMENT PRODUCTS & SERVICES

Use the Lexile® & Quantile® Scoring Service API to Report Student Measures

For computer-based assessments developed by us or tests that we link to, our Scoring Service API (Application Programming Interface) immediately delivers Lexile® student measures (for reading) and Quantile® student measures (for math). The API allows our partners to electronically send student test data to us. We immediately analyze the data using proprietary equations and respond with Lexile/Quantile student measures displayed within your product's interface.

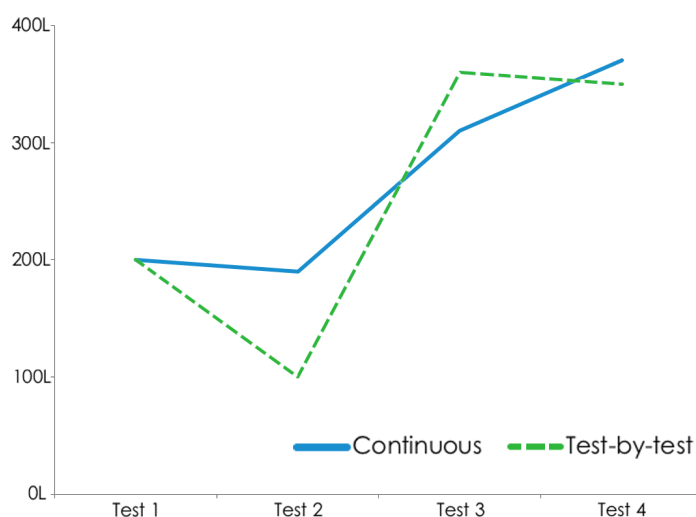


Our Reporting Reduces Test Score Fluctuation, Improves Customer Experience

Our reporting incorporates continuous scoring, which tracks progress across multiple test events combining prior test data with current assessment results. Continuous scoring is powered by Bayesian methodology, a statistical approach in which estimates are updated as new information becomes available.

This type of reporting:

- Provides the most accurate estimate of student ability because the more data you have, the clearer the picture of a student's ability.
- Decreases test score fluctuation — and inquiries to your customer support team.





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How It Works

To use the Service, our partners build a simple XML-RPC client compliant with our specifications. Documentation is provided for your software engineer describing the interface and parameters as well as sample code. Partners don't need to install or manage anything. We provide the specific service endpoint and authorized credentials necessary for access. MetaMetrics does not receive or store Personally Identifiable Information (PII).

Learn More

The API Support Team is available to answer questions and provide developers with support to ensure a seamless integration. For more information, please contact:

Trilby Berger
Senior Vice President
Strategic Partnerships
Lexile Framework
✉ tberger@Lexile.com
☎ 919.547.3427

Answers to Frequently Asked Questions

How quickly are test results delivered?

The API typically receives your data, processes the request and returns a student measure immediately. However, when submitting large amounts of data there is an option to avoid processing delays. To read more about this option, see the developer's documentation.

What do I need to provide for the API to work?

The Scoring Service API is a predictable interface that provides a way for your software and our software to communicate via a communication contract. Our API is designed to accept item response data, raw scores, scale scores and more to use in calculating student measures. The coding and other required guidance are provided in the developer's documentation. With it, your software engineers will be able to set up the API quickly and with ease. Our Research and Development Team is available to answer questions if you are unfamiliar with APIs and provide your developers with support to ensure a seamless integration.

When might test-by-test scoring be used as opposed to continuous scoring for reporting?

Our Research and Development team counsels each client on what is best for their test purposes. In general, test-by-test reporting is used for placement tests, initial testing or to capture performance for a single high-stakes test administration.

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