

**FORM C**

**STUDENT ASSESSMENTS  
FOR  
TEACHER AND PRINCIPAL EVALUATION**

**PUBLICLY AVAILABLE SERVICES SUMMARY**

This form will be posted on the New York State Education Department’s Web site and distributed through other means for all applications that are approved in conjunction with this RFQ to allow LEAs to understand proposed offerings in advance of directly contacting Assessment Providers regarding potential further procurements.

<b>Assessment Provider Information</b>	
NAME OF ASSESSMENT PROVIDER:	Edmentum, Inc.
ASSESSMENT PROVIDER CONTACT INFORMATION:	<a href="mailto:info@edmentum.com">info@edmentum.com</a> 800.447.5286 <a href="https://info.edmentum.com/get-a-quote.html">https://info.edmentum.com/get-a-quote.html</a>
NAME OF ASSESSMENT:	Exact Path Diagnostic Assessment
NATURE OF ASSESSMENT (SELECT ALL THAT APPLY):	<input type="checkbox"/> REQUIRED STUDENT PERFORMANCE SUBCOMPONENT (STUDENT LEARNING OBJECTIVES [SLOS]) <input checked="" type="checkbox"/> OPTIONAL STUDENT PERFORMANCE SUBCOMPONENT PLEASE SPECIFY: <input type="checkbox"/> A SECOND SLO, PROVIDED THAT THIS SLO IS DIFFERENT THAN THAT USED IN THE REQUIRED STUDENT PERFORMANCE SUBCOMPONENT <input checked="" type="checkbox"/> A GROWTH SCORE BASED ON A STATISTICAL GROWTH MODEL <input type="checkbox"/> A MEASURE OF STUDENT GROWTH, OTHER THAN AN SLO <input type="checkbox"/> A PERFORMANCE INDEX <input type="checkbox"/> AN ACHIEVEMENT BENCHMARK <input type="checkbox"/> ANY OTHER COLLECTIVELY BARGAINED MEASURE OF STUDENT GROWTH OR ACHIEVEMENT PLEASE SPECIFY:
WHAT IS THE GRADE(S) AND SUBJECT AREA(S) FOR WHICH THE ASSESSMENT CAN BE USED TO GENERATE A 0-20 STUDENT PERFORMANCE SCORE?	Exact Path Diagnostic Assessment is intended for use in grades K–12 for reading, language arts, and mathematics.
WHAT ARE THE TECHNOLOGY REQUIREMENTS ASSOCIATED WITH THE ASSESSMENT (E.G., CALCULATORS, ETC.; IF APPLICABLE)?	The Exact Path Diagnostic Assessment is completely web based and accessible 24/7 from a high-speed Internet connection and a supported operating system with a web browser. Our learner interface provides a streamlined, easy-to-use web experience that is mobile-optimized so learners can access it from anywhere at any time on a computer or mobile device, including Chromebooks and iPad tablets.

	<p>Edmentum's software as a service (SaaS) products are each a centralized web-based application. They do not require additional hardware to be provided by the district. Specific workstation requirements (including web browser compatibility) can be found online at <a href="http://edmentum.com/resources/brochures/edmentum-system-requirements">edmentum.com/resources/brochures/edmentum-system-requirements</a>.</p> <p>Calculators are an allowable accommodation for the math diagnostic assessment for students with IEP or Section 504 plans.</p>
<p>IS THE ASSESSMENT AVAILABLE, EITHER FOR FREE OR THROUGH PURCHASE, TO OTHER LEAs IN NEW YORK STATE?</p>	<p><input checked="" type="checkbox"/> YES</p> <p><input type="checkbox"/> NO</p>

PLEASE PROVIDE AN OVERVIEW OF THE ASSESSMENT FOR LEAs. (3 PAGES MAX) PLEASE INCLUDE:

- A DESCRIPTION OF THE ASSESSMENT;
- A DESCRIPTION OF HOW THE ASSESSMENT IS ADMINISTERED;
- A DESCRIPTION OF HOW SCORES ARE REPORTED (INCLUDE LINKS TO SAMPLE REPORTS AS APPROPRIATE);
- A DESCRIPTION OF HOW THE ASSESSMENT PROVIDER SUPPORTS IMPLEMENTATION OF THE ASSESSMENT, INCLUDING ANY TECHNICAL ASSISTANCE.

**Assessment Overview**

Exact Path provides valid and reliable computer-adaptive assessments in math, reading, and language arts that can be administered up to five times (three recommended) per academic year to efficiently pinpoint where students are ready to start learning and measure their growth between assessments. The assessments use a robust item pool to offer each student a unique testing experience that adjusts in real time based on student responses. The diagnostic assessments are aligned to the New York State Academic Standards to help educators make instructional decisions, support student learning needs, and determine student growth. Edmentum has attended to its assessment design, psychometric quality, and score reporting to ensure validity and reliability for its intended purposes:

- Issue a scale score that reliably reports learners' estimated ability levels up to five times per academic year and that can be used to measure academic growth
- Report on how students are tracking relative to grade-level proficiency
- Compare how students are performing with a nationally normed sample
- Create an individualized profile of academic strengths and weaknesses
- Generate an individualized learning path based on students' unique domain levels
- Provide placement into a learning progression of skills representative of the development of kindergarten through grade 12

**Administration**

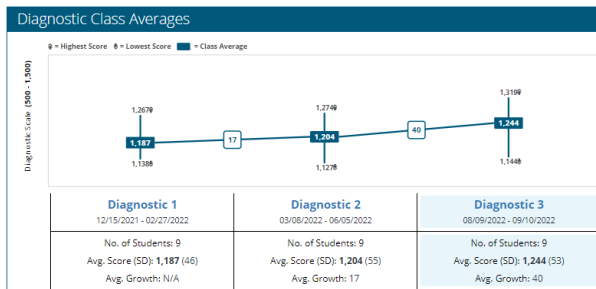
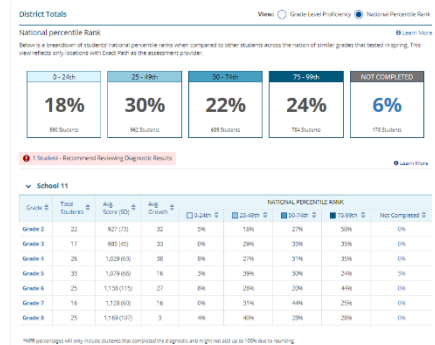
The diagnostic assessment is easy to schedule and administer. Administrators and teachers can auto-schedule tests for all students, or they can manually adjust the schedule for specific students. The *Exact Path Test Administration Manual* provides administrators and teachers with detailed information about Exact Path's functionality as well as scripted guidance for test administration.

Exact Path diagnostic assessments are designed to be a variable-length computer adaptive assessment, which means that the testing length (number of items) and time varies for every student and by grade. Based on test design and historical testing data, K–2 students take between 10 and 20 minutes and 3–12 students take between 30 and 45 minutes to complete the assessment per subject. The median number of questions per administration for K–1 students is 20 to 30 questions per subject, and for 2–12 students is 30 to 45 questions per subject.

**Reporting**

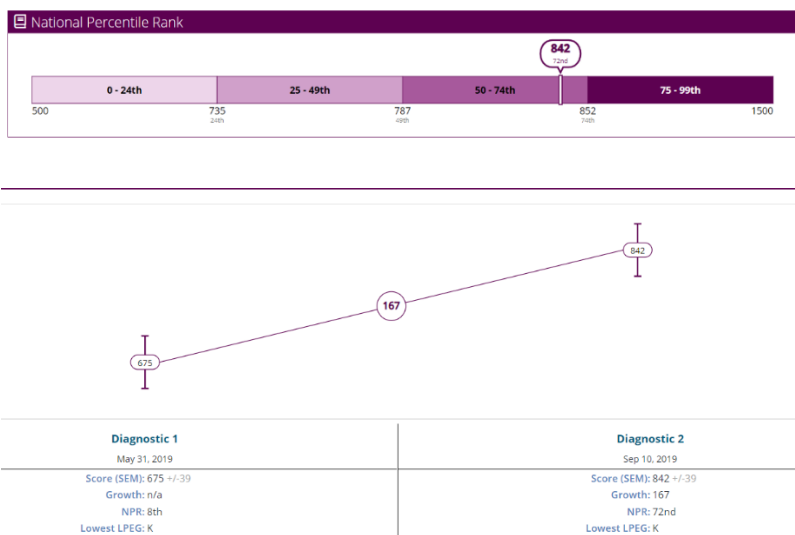
All of the items on the diagnostic assessment are machine scored in real time by Exact Path. Therefore, teachers do not need to be trained on scoring rubrics and there is no possibility of teachers grading their own assessments. To support use of scores to inform instruction, Edmentum provides sample score reports, interpretation guides, and demonstrative videos to support interpretation of the results at the student, class, grade, school, and district levels. In addition to real-time scale scores and domain scores, the reports include Lexile® and Quantile® measures, national percentile ranks, grade-level proficiency, and student growth upon each successive administration. These metrics are accessible across the following reports:

- **Aggregated Results Report:** Enables educators to understand student performance aggregated by district, grade level, and school for average score, average score growth and standard deviation, and the distribution of students by national percentile rank interval.
- **Class Results Report:** Shows educators the average score for the class per testing window and the average class growth between assessments. It also includes a detailed breakdown of how each student in their class performed.



Student Name	Grade	Scale Score	Growth	NPR	Learning Path Entry Grade (LPEG) by Domain
Agee, Josephine	7	N/A			Not Taken
Arias, Isabel	7	1,155	28	N/A	74th
Bartolomei, Benjamin	7	1,203	67	N/A	84th
Campos, Ashley	7	1,229	22	N/A	88th
Coppola, Mia	7	1,113	-5	N/A	60th
DeSouza, Silvana	7	1,145	11	N/A	71st
Gordillo, Jayleen	7	1,136	-48	N/A	69th

- **Student Summary Report:** Gives educators and parents an in-depth view into a student's performance and experience with the Exact Path Diagnostic Assessment. The report includes a simple representation of the student's scale score and national percentile rank, as well as a graph that compares all the Diagnostic Assessments in that content area that a student has completed over the course of the school year. In addition, the Domain Details shows how the student performed on each skill assessed within the Diagnostic Assessment to help the educator identify where the student is ready for instruction.



<b>Reading Foundations -</b>	<b>5/7</b>
Individual Sounds in Words	K 1/1
Beginning Letter Sounds	K 1/1
Syllables	K 2/3
Rhyming Words	K 0/1
Sounds in Words	1 1/1
<b>Language and Vocabulary -</b>	<b>3/7</b>
New Meanings of Words	K 0/1
Roots and Affixes	K 1/2
Word Categories	1 1/1
Connections Between Words	1 0/1
Roots and Affixes	1 1/2
<b>Reading Literature -</b>	<b>4/7</b>
Parts of a Book	K 2/3
Retelling Stories	K 1/1
Setting	K 0/1
Compare and Contrast	K 1/1
Categories of Writing	1 0/1
<b>Reading Informational Text -</b>	<b>2/6</b>

### Implementation Support

Edmentum is committed to working directly with district leaders to determine training and implementation needs specific to each installation and district needs. Edmentum Professional Services brings this commitment to life through implementation design, consultation, progress monitoring, and professional development for staff, teachers, and administrators. As part of each district partner's overall ongoing training and engagement support plan, Edmentum will:

- Deliver personalized professional services tailored to your unique implementation both online and on site, including on-site and virtual experiences to prepare district and school staff to leverage Edmentum programs, make instructional decisions, maximize the learning experience, and improve student outcomes
- Adhere to standards promoted by Learning Forward as the foundation for designing professional development plans
- Provide continuous one-to-one support (on site, online, and on-demand) for teachers, school staff, and district administrators
- Proactively consult with leadership teams to assess program design and offer optimization recommendations

We will work with each district partner to customize a plan to meet the district's needs (see our catalog at [www.edmentum.com/resources/brochures/professional-services-and-consulting-catalog](http://www.edmentum.com/resources/brochures/professional-services-and-consulting-catalog)). Our professional services team, in tandem with our support team, work with each district partner through the implementation process and beyond to ensure their program is a success.

#### **Ongoing Training and Technical Support**

From the moment each New York district engages with us, we provide personal support to ensure they have the best experience possible. Our live, US-based customer support team offers superior technical support as well as high-value instructional support to help educators gain the full value of their Edmentum programs. Full phone and email support for our programs is provided by our customer support team to all users.

All Edmentum users are supported 24/7 via access to on-demand support resources, including:

- *Orientation and How-To Videos:* All users have access to role-specific video and orientation tools that introduce new users to navigating and succeeding with our digital curriculum. Dozens of short how-to videos provide targeted assistance when and where an educator needs it.
- *Online Knowledge Base:* All users have access to a context-sensitive, comprehensive library of information structured for easy searching, browsing, and printing. Students and educators access different help topics—including Getting Started materials, best practices, and FAQs—according to their needs.
- *Just-in-Time Best Practices:* This series of timely emails provide site coordinators and teachers with bite-size best practices for improving teaching and learning as well as program efficiency and effectiveness.
- *Support Staff:* Should New York districts need further support, customers may interact with Edmentum Customer Support via multiple channels. Phone calls are received directly via a toll-free number into our call center and answered by product experts. Call center hours are Monday through Friday from 8:00 a.m. to 7:00 p.m. (ET). Average hold times are under two minutes. Emails receive a response within 24 hours, but typical wait times are within a few hours of receipt.
- *Online Help:* We provide an extensive library of asynchronous on-demand help resources to all users through a dedicated in-solution help center. Resources include how-to videos, recorded webinars, training modules, helpful articles, and printable reference guides.

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HOW IS THE SELECTED ASSESSMENT ALREADY BEING INTEGRATED/GOING TO BE INTEGRATED INTO THE CURRICULUM OF THE GRADE LEVEL/COURSE? HOW DOES THE SELECTED ASSESSMENT SUPPORT THE DAY-TO-DAY ACADEMIC GOALS OF THE EDUCATOR?

Exact Path Diagnostic allows for continuous monitoring of student progress, making timely instructional adjustments, and creating a more interactive and engaging learning environment. Actionable data is at the heart of Exact Path. Exact Path offers real-time data in both reports and dynamic dashboards in order to provide educators quick and easy access to information. We have automated what is normally a time-consuming process so that teachers know instantly where to focus their efforts.

Upon completion of each screener diagnostic, Exact Path automatically analyzes the results, generates reporting data (including scale scores, percentile ranks, grade level placements, and MetaMetrics® Lexile® and Quantile® measures), and builds each student’s content area academic profile and knowledge path based on the results. Teachers can then immediately begin identifying the specific learning objectives or outcomes for individual, small group, or whole-class instructional strategies – including identification of students who may benefit from additional supports such as Tier 2 or Tier 3 interventions. Timely feedback to students can be incorporated daily to provide helpful feedback to help students understand their strengths and areas for improvement. Teachers can track mastery by a specific skill or state standard to appropriately support students. The Knowledge Map is a highly visual progress-monitoring tool that enables teachers to view student skill mastery.

Educators can administer the Exact Path Diagnostic Assessment up to five times per year (three recommended), allowing teachers to monitor student performance over time based on their achievements and growth between administrations. The power of the Diagnostic Assessments is that the assessments are relatively brief and provide detailed profile information about students’ relative strengths and weaknesses across the core content domains identified by research (e.g., phonics, reading comprehension; fractions, algebraic expressions). Thus, the Diagnostic Assessment can be used by classroom teachers to identify each student’s instructional point of need and content area achievement level. The Diagnostic Assessments are aligned to the New York State Academic Standards for English Language Arts and Mathematics.

Scoring of the diagnostic occurs automatically within Exact Path in real time as students respond to each question. In addition, for an additional fee, students can receive assessment-driven placement entry to the learning path. This offers targeted instruction aligned to educators' goals and paced to students' needs. Scores on the diagnostic automatically route students to the most appropriate location in the Exact Path curriculum based on each student’s profile of scores so they are placed in the learning path at their point of need and they receive content appropriate for their instructional level, regardless of grade level. Exact Path provides targeted lessons, assessment-driven practice, reinforcement, and support. Data is reported in real time via actionable, easy-to-read visuals, providing a time-saving and engaging way to identify and teach students at their instructional level. Educators can also identify trends, successes, and historical data for students.

Built-in tools and supports aid English language learners and students with learning difficulties. Text zoom and optional audio text-to-speech tools are included, as well as highlighters. Edmentum allows other accommodations, such as a student aide, to read questions aloud as approved by the district. Use of text-to-speech should be limited to those who have this as a defined need, since automatic audio is included for any students who reach items at the K–1 level. Use of the text-to-speech accommodation is noted on student reports. The assessment is not timed, and students can save and exit to allow for

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breaks as needed. Lessons include these same tools as well as animations and characters who model close reading strategies. The assessment results generate a unique learning path for each student, focused on providing lessons on the skills and standards they are ready to learn.

HOW DO YOU ENSURE THAT THE ASSESSMENT ACCURATELY CAPTURES IF STUDENTS HAVE MASTERED THE KEY CONCEPTS FOR THE GRADE LEVEL/COURSE? HOW IS THE ASSESSMENT ALIGNED WITH THE GRADE LEVEL/COURSE-RELEVANT LEARNING STANDARDS/NEXT GENERATION ASSESSMENT PRIORITIES?



Exact Path’s adaptive diagnostic assessment is built on a vertical scale against the Edmentum Learning Progression. The learning path is based on a learning progression of skills developed by Edmentum’s curriculum design experts and validated by Dr. Norman Webb. This learning progression is an instructionally valid sequence of skills across grade levels from K to 12. Students receive an overall score and scores in each domain. Edmentum has conducted research to ensure that our assessment accurately and reliably measures student achievement and concept mastery. All of our published studies can be found at <https://www.edmentum.com/resources/research#ExactPath>.

Exact Path Diagnostic Assessment was developed to ensure our assessments measure the standards that matter most, including alignment of our assessments to the New York Next Generation Learning Standards. Documentation demonstrating our assessment items’ alignment to the Standards is provided in Attachment A, and can be provided to districts upon request. In the alignment report, a separate analysis was done for K-3 and 3-8/HS with overlap at grade 3 because NY STP test designs/blueprints for ELA do not include Reading Foundation (RF) standards. However, the important foundational skills included in the RF standards are assessed in the Exact Path assessments. The breadth of coverage in the Exact Path item pool is as follows:

- K–3: 75% for ELA (Reading Foundation standards included) and 81% for mathematics.
- 3–8/HS: 82% for ELA (Reading Foundation standards excluded) and 95% for mathematics

**Breadth of Coverage of the Grade K-3 NY STP Standards by Subject and Grade:**

	Subject	K	1	2	3	Total
<b>Number of Standards in Pool</b>	ELA	14	14	14	14	56
<b>Number of Standards Possible</b>		18	18	19	20	75
<b>% of NY STP Depth Coverage</b>		<b>78%</b>	<b>78%</b>	<b>74%</b>	<b>70%</b>	<b>75%</b>
<b>Number of Standards in Pool</b>	Math	15	15	24	25	79
<b>Number of Standards Possible</b>		24	21	26	26	97
<b>% of NY STP Breadth Coverage</b>		<b>63%</b>	<b>71%</b>	<b>92%</b>	<b>96%</b>	<b>81%</b>

**Breadth of Coverage of the Grade 3-8 and High School NY STP/Regents Standards by Subject and Grade**

	Subject	3	4	5	6	7	8	HS	Total
<b>Number of Standards in Pool</b>	ELA	14	18	19	18	17	18	36	140
<b>Number of Standards Possible</b>		16	22	22	22	22	22	44	170
<b>% of NY STP/Regents Depth Coverage</b>		<b>88%</b>	<b>82%</b>	<b>86%</b>	<b>82%</b>	<b>77%</b>	<b>82%</b>	<b>82%</b>	<b>82%</b>
<b>Number of Standards in Pool</b>	Math	25	27	26	27	20	27	77	229
<b>Number of Standards Possible</b>		26	28	26	33	20	27	81	241
<b>% of NY STP/Regents Breadth Coverage</b>		<b>96%</b>	<b>96%</b>	<b>100%</b>	<b>82%</b>	<b>100%</b>	<b>100%</b>	<b>95%</b>	<b>95%</b>

The Edmentum Learning Progressions for reading, language arts, and math were built from an analysis of national standards and the standards of several key states. We looked at the standards taught in each grade, creating an abstracted set of skills that capture the important concepts in the standards for those

grades. This allowed us to have a set of skills relevant within all 50 states while still having an anchor in a structured national view of the curriculum in reading, language arts, and math. For each grade, educators who are subject matter experts in the three subjects sequenced the skills based on how they would teach the skills within that grade and how they would expect students to learn and master the skills. We carried out this analysis for all grades K–12 and built that into a uniform K–12 learning progression for each subject.

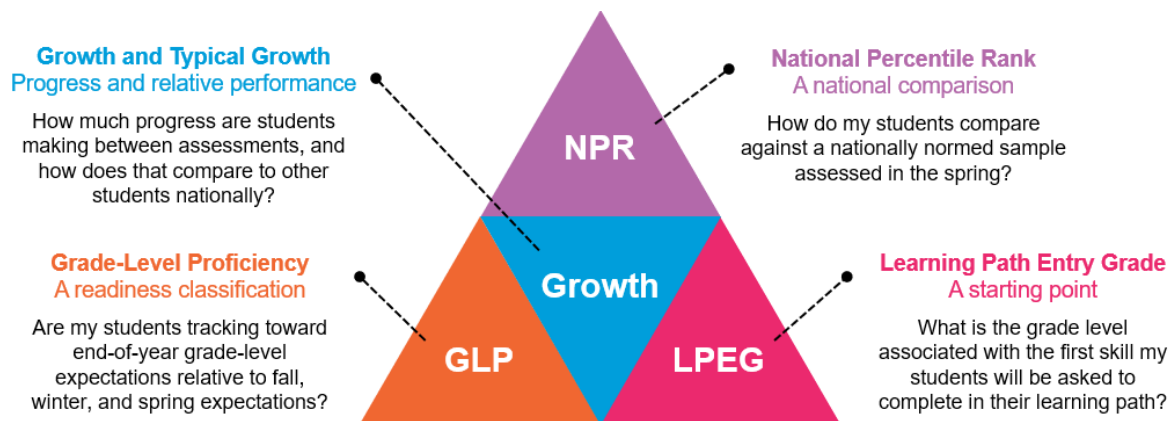
HOW IS THE SELECTED ASSESSMENT SCORED? HOW ARE THE ASSESSMENT RESULTS EFFECTIVELY COMMUNICATED TO RELEVANT STAKEHOLDERS (STUDENTS, PARENTS, TEACHERS, ADMINISTRATORS, ETC.)? WHAT ARE THE ASSESSMENT SCORES THAT REFLECT THAT A STUDENT IS:

1. BELOW PROFICIENCY
2. APPROACHING PROFICIENCY
3. MEETING PROFICIENCY
4. DEMONSTRATING MASTERY

**Scoring**

The Exact Path Diagnostic Assessments include dichotomously scored multiple-choice and technology-enhanced item types. These item types are consistent with the items that students see on many assessments throughout their educational journey. All the items on the Diagnostic Assessments are machine scored in real time by Exact Path. The automatic machine scoring removes the need for any training on scoring rubrics and possibility of error introduced by human scoring on diagnostic tests.

The Exact Path Diagnostic Assessments use a vertical scale score spanning all grades K–12. Scores reported on this scale range from 500 to 1500 and are developed with the item response theory 1-parameter Rasch model. Due to the vertical scale, growth can be measured as the difference between scale scores at different time points. The scale score makes it possible to compare student performance within and across grades to measure growth. Our assessments provide valid and reliable scores that can be used to efficiently pinpoint where students are ready to start learning and measure their growth between testing windows. The assessment reports provide an overall scale score, domain scores, as well as more granular reporting of skills, all reported in real time. Additionally, national percentile ranks, grade-level proficiency classifications, growth scores and typical growth benchmarks, as well as learning path entry grades by domain are included to provide educators with the contextual information needed to make important data-informed decisions for students.



**Grade Level Proficiency**

Edmentum has developed achievement levels for the Exact Path Diagnostic Assessment, using modern standard setting methods. Edmentum engaged an external partner nationally renowned for standards setting expertise to conduct standards setting for the Exact Path Diagnostic Assessments. Candidate cut scores and threshold ranges between adjacent performance levels were established through a study of state summative assessment score and performance level distributions for ELA and math across 25 states, including New York. In the standard setting and performance level descriptor (PLD) writing workshops, educators evaluated proficiency cut scores within an ordered item booklet that displays test questions in order of increasing difficulty. These expert evaluations were then used to determine final grade level classifications. The educators who participated in our standard-setting process included both content experts and teachers with an average of 15.3 years of teaching experience across 30 states and Puerto Rico. Analyses and vertical articulation procedures followed to ensure smoothness in the vertical scale and score interpretation K-12.

The achievement levels are called Grade Level Proficiency (GLP) classifications and, similar to the achievement levels on the New York Regents Exams, categorizes students into four performance levels, with the top two levels indicating on-grade level achievement in mathematics and reading. Cut scores between proficiency levels shift during three different testing windows (fall, winter, spring) to capture students' expected learning growth throughout the year. The addition of seasonal cut scores allows educators to monitor their students' growth in achieving grade level proficiency throughout the year, rather than only comparing to end-of-year expectations.

The proficiency classifications indicate whether students are on track, at the time of the diagnostic, to meet end-of-year grade-level expectations.

Based on seasonal performance, students are grouped in the following categories:

**1. Below (Below Proficiency)**

Students are developing and working toward mastery of prerequisite knowledge and skills necessary to confidently engage in grade-level subject matter and should be provided with strong supports to position them for achievement of end-of-year grade-level expectations in their current grade and subject.

**2. Approaching (Approaching Proficiency)**

Students have mastered most of the prerequisite knowledge and skills targets required to confidently engage in grade-level subject matter and should be provided with moderate supports to ensure they achieve end-of-year grade-level expectations in their current grade and subject.

**3. Meets (Meeting Proficiency)**

Students can demonstrate mastery of knowledge and skills associated with grade-level expectations and are on track to meet end-of-year grade-level expectations.

**4. Exceeds (Demonstrating Mastery)**

Students can demonstrate mastery of knowledge and skills associated with grade-level expectations and are on track to meet end-of-year grade-level expectations. Additionally, students may have mastered some knowledge and skills associated with higher levels of achievement.

Details of Exact Path's performance-level descriptors can be found here:

[Performance-Level Descriptors: Mathematics](#)

[Performance-Level Descriptors: Reading](#)

[Performance-Level Descriptors: Language Arts](#)

GLPs are reported to educators and students on the *Student Summary Report*. Performance level descriptors provide descriptions of what achievement looks like in each of the GLP categories in terms of the knowledge and skills students typically demonstrate. Both the PLDs and the score ranges for each performance level are statistically sound and set based on a study conducted of state summative assessment proficiency levels. Thus, the GLPs provide well validated criterion-referenced score information. Edmentum can provide the *Exact Path Diagnostic Assessment GLP Standard Setting Technical Report*, which contains the GLP descriptors, upon request. Educators can learn more about GLP through a guidance document which also provides tables containing the subject-specific cut scores by season and grade level for each achievement level.

### Educator Resources

Exact Path includes a comprehensive set of reports to help educators understand students’ achievement, growth, and recommended learning paths at the individual student, class, and aggregate (e.g., grade level, school, district) levels. The score reports can be used to answer key questions based on data at the individual or aggregate levels.

Throughout the application, educators can access our online Help Center as well as strategically placed “Learn More” pop-ups that provide additional information on how to accurately interpret and appropriately use the assessment results for making education decisions. Within the platform, links are provided to additional resources, videos, and administrative and score interpretation guides to further understanding for users of the score report data (see screenshots on the following page).

**Class Results**  
This summary covers the average scores along with the highest and lowest scores for your class across different diagnostic testing windows.

**Diagnostic Class Averages**

Legend: Highest Score (▲), Lowest Score (●), Class Average (■)

Testing Window	No. of Students	Avg. Score (SD)	Avg. Growth
Testing Window 1 05/21/2020 - 07/27/2020	8	950 (145)	N/A
Testing Window 2 08/03/2020 - 08/03/2022	8	1,025 (103)	75

The graph shows class performance compared to grade-level expectations for each diagnostic taken.

**Diagnostic Grade-Level Proficiency Distribution**

Testing Window	Below	Approaching	Meets	Exceeds	N/A
Testing Window 1 05/21/2020 - 07/27/2020	4	2	0	0	0
Testing Window 2 08/03/2020 - 08/03/2022	2	1	2	0	0

**Class Results - Learn More**

**Average Score:** This is the average score of your class, with the standard deviation. Standard deviation gives you an idea of how spread out the scores in the class are.

- Video: What is a scale score?
- Video: How do I interpret standard deviation?

**Average Growth:** This is the difference between average scale scores for students in your class on consecutive diagnostics. Currently, we do not compare growth from previous years.

*How do we calculate average growth?*

Average growth is calculated as the difference between average scale scores for your class. If not all of your students tested at both testing windows for which the growth calculation is based, then average growth may not equal the average of each individual student's growth.

Diagnostic	No. of Students	Avg. Score (SD)	Avg. Growth
Diagnostic 1 08/14/19 - 08/30/19	14	705 (15)	N/A
Diagnostic 2 12/18/19 - 12/30/19	14	713 (21)	8
Diagnostic 3 02/15/20 - 02/28/20	14	710 (28)	-3

Guide to the Class Summary Report

- Video: How does a computer adaptive diagnostic test work?

Close

#### Learn More Pop-Ups and Additional Resources for Educators

Additional resources to support data literacy are found on our website for educators who are interested in furthering their understanding of data reporting and increasing their knowledge in assessment literacy and interpretation.

Edmentum provides interpretation guides and workbooks for data-driven instruction to educators using Exact Path. These resources provide information and best practices for interpreting Exact Path’s scores and reporting features to drive informed instruction, including growth, national percentile ranks, and Lexile or Quantile measures. Edmentum also provides educators with digital resources and videos on the following important assessment literacy topics:

- [Making Sense of Computer Adaptive Tests](#)

- [Understanding Scale Scores](#)
- [Unpacking National Percentile Rank](#)
- [Measuring Growth](#)
- [Explaining Standard Deviation](#)
- [Formative and Summative Assessments](#)
- [Cut Scores and PLDs Explained](#)
- [Breaking Down Standard Error of Measurement](#)

These video resources are also embedded directly into the score report “learn more” feature for educators to access directly from score reports, as needed. You can access the specific topics listed above through our public blog at <https://blog.edmentum.com/>.

In addition, Edmentum published a [white paper on the use of Exact Path](#) as an assessment to automatically assign students into the product’s learning paths—individualized playlists of competency-based curriculum at each student’s discrete skill level—as a response to learning disruption.

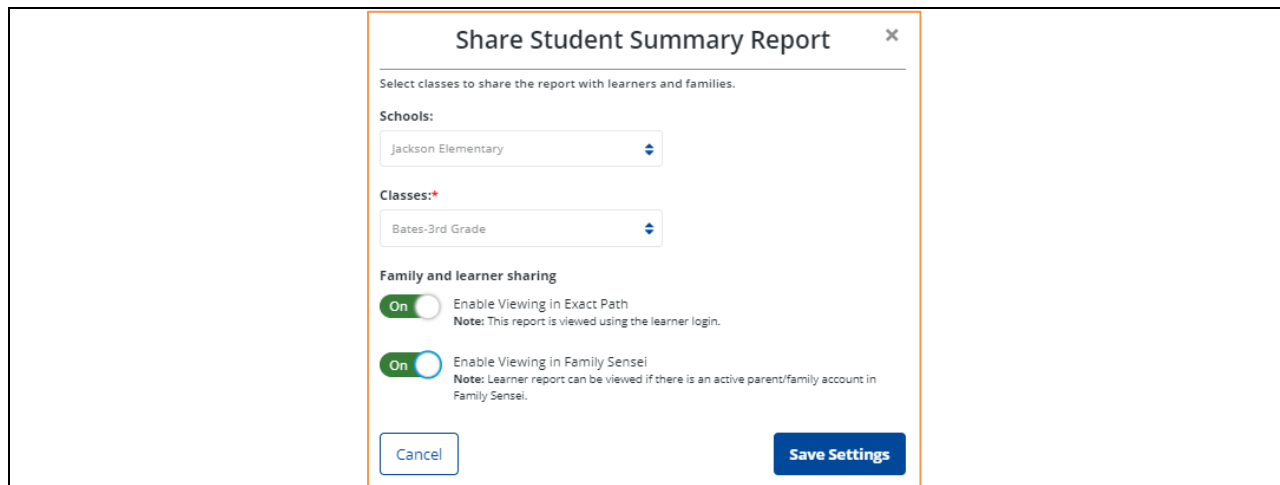
### **Family Support Resources**

Edmentum empowers educators to transform their approach and build school around the needs of each child. A vital part of every child’s learning environment is building a solid connection between the teacher and the student. To support this connection, Edmentum provides resources developed specifically for educators and families. These resources span the Exact Path experience—such as introducing the purpose of the program through interpreting assessment results, understanding learning best practices, and accessing instructional examples. Here are some examples of the resources available on [Exact Path’s Getting Started page](#) for our district partners:

- Parent letter in [English](#) or [Spanish](#) to introduce the program
- Getting Started Webinar in [English](#) or [Spanish](#)
- User learner guides for the [K–2 Exact Path interface](#) and [3–5 Exact Path interface](#) to help students and parents/caregivers become acquainted with how to navigate the program
- [Exact Path Diagnostic Assessment Guide for Parents](#) to make sure students’ families are set up to administer valid assessments successfully in the event that the assessments need to be administered remotely

Exact Path provides a Student Summary Reporting Guide to help parents interpret the assessment results. It provides annotated explanations of the assessment data and can be accessed by teachers and shared with parents and students, as mentioned above. The Student Summary Report can be used to effectively communicate the assessment results and instructional needs to students and parents. New York district and school educators have the ability to enable the sharing of the Student Summary Report (described in Section 3.K of this response) directly with families in one of two ways.

- Enable Viewing in Exact Path: Granting access to the Student Summary Report directly through the learner login
- Enable Viewing through [Sensei for Families](#): Granting access for parents who have an active parent/family account in Family Sensei



*Share Student Summary Report Setting in Edmentum Sensei for Families*

In real time, parents and caretakers gain insights into their student’s assessment results and recommended learning paths within their own secure portal.

Furthermore, to further the support for student academic development at home, Edmentum makes available [Edmentum Worksheet Bundles](#) that families can download directly from Edmentum’s website. Available in both English and Spanish, these worksheets include a wide variety of grade-specific curated offline activities from Edmentum learning programs in all core subject areas.

IF THE SELECTED ASSESSMENT(S) ARE NOT STANDARDIZED, PLEASE DESCRIBE HOW THE ASSESSMENT PROCESS IS COMPARABLE ACROSS GRADE LEVELS/COURSE-ALIKE CLASSROOMS?

The Exact Path Diagnostic Assessments are online computer-adaptive assessments with standardized administration and scheduling procedures for all grade levels and classrooms. Educators are provided an Exact Path Diagnostic Assessment Test Administration Manual to assist with standardized administration.

HOW IS THE SELECTED ASSESSMENT ABLE TO MAXIMIZE THE EFFICIENCY WITH WHICH STUDENT PERFORMANCE DATA IS GATHERED TO ALLOW FOR MORE CLASSROOM INSTRUCTIONAL TIME?

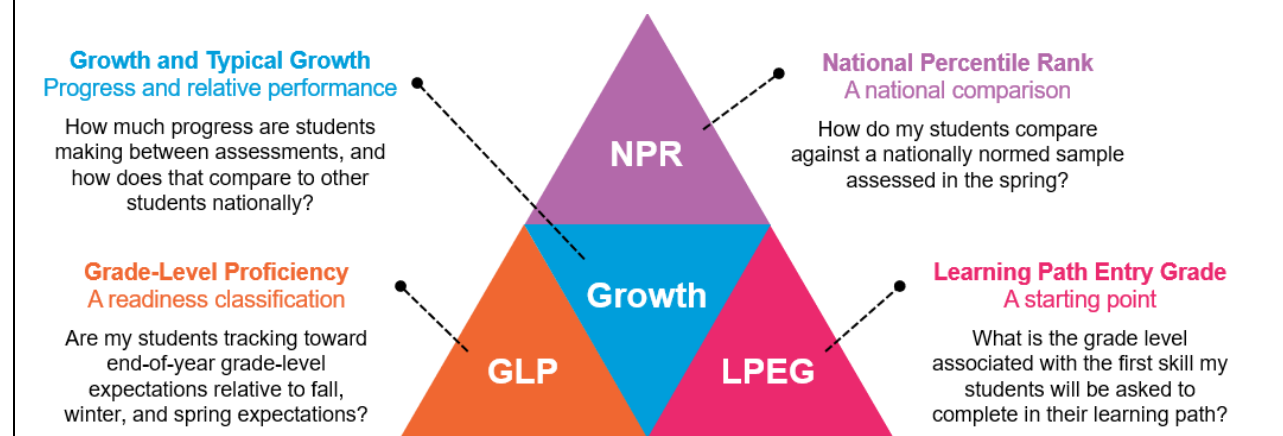
Our Exact Path Diagnostic Assessment is a variable-length, computer adaptive test (CAT). For each test event, the items are dynamically selected to best suit the student’s ability. Following each item response, the CAT algorithm calculates a temporary estimate of the student’s ability, known as the interim ability estimate, based on all responses to that point of the test. The next item to administer is then selected to provide the most information possible at that point. Effectively, when a student gets an item correct, the student will typically receive a more difficult item next. Similarly, when a student answers an item incorrectly, they will typically receive an easier item next. After each item, the algorithm learns more about the student’s ability level and the ability estimate becomes more precise. As soon as an acceptable level of measurement precision is reached (subject to content specifications and other test constraints), the test is terminated. Overall, with the same level of precision, the CAT algorithm can more quickly assess a student with fewer items and shorter testing time than a fixed set of items.

As a computer adaptive assessment, Exact Path diagnostic allows for a quick and efficient way to collect data on what students know and are ready to learn. The Exact Path diagnostic is designed to be shorter and more focused, allowing teachers to gather essential data on students' progress within an average classroom period and without investing a significant amount of time. The average administration time by grade band is as follows:

- Students in kindergarten and grade 1 have median times under 15 minutes.
- For students in grades 2–8, the median number of minutes ranges from 26 to 53 minutes.
- Students in grades 9–12 have a median number of minutes that ranges from 42 to 53 minutes.

All items are machine scored and in real time, allowing teachers to provide timely feedback to students without getting overwhelmed by grading tasks. The assessment reports provide an overall scale score, domain scores, national percentile ranks, and grade-level proficiency classifications all reported in real time.

Furthermore, the valid and reliable results from the Exact Path diagnostic allow for more targeted feedback, helping teachers identify specific areas where students may be struggling or excelling. Teachers can use this information to make timely adjustments to their teaching methods, pacing, and content delivery, ensuring that the curriculum remains aligned with students’ progress. This targeted feedback allows teachers to maximize their time spent by addressing students’ specific needs more effectively, as well as measuring student growth between testing windows.





Exact Path offers real-time data in both reports and dynamic dashboards in order to provide educators quick and easy access to information. Upon completion of each screener diagnostic, Exact Path automatically analyzes the results, generates reporting data, and builds each student's knowledge path based on the results. Student activity and progress are also reported on a real-time basis.

Exact Path includes reports that emphasize easy-to-use, actionable data for administrators and educators to implement targeted strategies. Actionable reports and detailed visualizations help educators drill into data at the district, school, teacher, class, and individual student level.

- Growth: review valid measures of growth from our adaptive assessments
- Progress: pinpoint skill-level strengths and weaknesses
- Usage: track how students are spending their time in the program

Exact Path puts student data at your fingertips in an intuitive, actionable format that saves time, empowers you to reach every student, and allows you to explore the following areas:

- Performance on skills, domains, and state standards
- Individual student strengths and weaknesses
- Progress toward end-of-year goals
- All teachers and staff can access data for any student in one of their classes. Educators and administrators can easily access class, grade, and school-level reports on diagnostic results.

Students and parents also have access to the Student Summary Report via the learner interface. The administrator can turn this feature on or off for the account. This report shows diagnostic performance and growth throughout the school year, as well as progress and mastery in the learning path. For each subject area, diagnostic test expanded reporting is available both within a specific grade level and aggregated across a school or district.

The Administrator Dashboard is embedded within Exact Path. It offers real-time graphical visualization of key data points, including testing window activity (percentage completed and in progress) and average time spent on a learning path, filterable by the school, grade, and subject. Each student's login dates and times are available. Exportable reports support all educators by providing a detailed look at usage trends to discern implementation fidelity.

Reports are immediately available after the completion of assessments. They can be viewed online or downloaded in a variety of formats. Exact Path's easy-to-navigate reporting tools allow all stakeholders to be aware of progress at all times. Assessment results are available in real time. All data visualizations are printable to PDF. All student progress data from the Diagnostic Results Export and the Learning Path Progress Report can be exported from the management systems in CSV or XML format to be used with external databases via reporting capabilities in the application. Exact Path provides highly visual and ongoing reporting and progress-monitoring tools. Student, class, and school data are hyperlinked to seamlessly direct you to more specific information.

IF APPLICABLE, HOW WILL TECHNOLOGY BE UTILIZED DURING THE ADMINISTRATION OF THE SELECTED ASSESSMENT TO PROVIDE TIMELY AND ACTIONABLE INFORMATION?

The Exact Path Diagnostic Assessment is completely web based and accessible 24/7 through a web browser on a supported operating system and using a high-speed Internet connection. Our learner interface provides a streamlined, easy-to-use web experience that is mobile-optimized so learners can access it from anywhere at any time on a computer or mobile device, including Chromebooks and iPad tablets. Edmentum's software as a service (SaaS) products are each a centralized web-based application and do not require additional hardware to be provided by the district.

Exact Path Diagnostic Assessments are designed to be variable-length computer adaptive assessments, which means that the testing length (number of items) and testing time varies for every student and by grade to reduce testing time while still providing a valid and reliable assessment. Upon completion of the assessment, students will receive an overall scale score and domain scores, as well as more granular reporting of skills – all reported in real time. Additionally, national percentile ranks, grade-level proficiency classifications, growth scores and typical growth benchmarks, and learning path entry grades by domain are included to provide educators with the contextual information needed to make important data-informed decisions for students.

PLEASE PROVIDE ANY ADDITIONAL INFORMATION THAT MAY BE USEFUL WHEN REVIEWING YOUR APPLICATION:

**Accessibility and Accommodations**

The Exact Path diagnostic assessments provide universal accessibility tools including read-aloud, text magnification, and highlighting to ensure all students have access to supports as needed. Further modifications for students who may need additional support can include but are not limited to:

- Time considerations - Students may pause and take a break, then resume testing at any time. Ideally, this would happen over no longer than three consecutive days.
- Display settings - Students can adjust their screen to see the questions clearly through magnification and change of display settings, fonts, or text size.
- Calculator use - Calculators may be used if a student has an IEP or a Section 504 plan on file.
- Starting grade adjustment - For students working above or below their enrolled grade (as recorded in the Exact Path system), educators can adjust the starting grade for the first administered item. This may reduce student frustration caused by answering many questions that are too easy or too hard at the beginning of the test.
- Audio accommodations - Exact Path has three types of audio features: automatic read-aloud, prerecorded audio that can be played on demand, and text-to-speech accommodations. Questions assessing K–1 skills are automatically read to students, regardless of a student’s grade.
- Visual Accommodations for students who need visual supports according to three categories: blindness, color blindness, and low visual acuity. Accommodations include audio support, screen magnifiers, and compatibility with third-party resources (e.g., JAWS, ZoomText).
- English learners can receive support from teacher-provided accommodations, such as a dictionary, help to pronounce words, and any other accommodation students receive instructionally. However, teachers should not give substantive help interpreting text. Exact Path has been awarded WIDA™ Prime V2™ Correlation, indicating our ability to address English learners’ listening, speaking, reading, and writing needs. Including built-in text-to-speech functionality, closed captions for videos, highlighted vocabulary words with built-in tools for translation, definition, and audio support.

**Data Privacy**

For information about Edmentum’s data protection practices as they relate to education records received from customers, please view our Customer Privacy Policy at [edmentum.com/privacy/customer](https://edmentum.com/privacy/customer).

Edmentum understands that many of its customers are subject to the Family Educational Rights Privacy Act (FERPA) and provides a list of FERPA-related assurances to our customers. Students and their parents/guardians may obtain a copy of those assurances upon request, by contacting the student’s school or Edmentum using the information provided below. Edmentum’s FERPA assurance statement can also be viewed at [edmentum.com/ferpa](https://edmentum.com/ferpa).

*The following section is not applicable since Exact Path is being used with the Optional Student Performance subcomponent only as a statistical growth measure.*

Please complete the following section if the selected assessment is being used for the Required Student Performance subcomponent (SLOs) and/or is being used with Optional Student Performance subcomponent as an SLO:

**Process for Measuring Student Growth:**

Consistent with Department regulations and guidance, an SLO is an instructional planning tool developed at the start of an educator’s course or building principal’s school year that includes expectations for student growth. It should represent the most important learning aligned to national or state standards, as well as any other school and LEA priorities. The goals included in the SLO must be specific and measurable, based on available prior student learning data. Before setting targets for expected growth, educators will determine students’ levels of preparedness at the start of the course by reviewing relevant baseline data. This baseline data may come from a variety of sources which include, but are not limited to, a student’s prior academic history, pre-tests, or end of course assessments from the prior year.

SLOs are developed and approved through locally-determined processes consistent with the Commissioner’s goal-setting process. SLOs should be based on the best available student data and should be ambitious and rigorous for all students. Superintendents must certify that all individual growth targets used for SLOs represent, at a minimum, one year of expected growth.

<p>WHAT MEASURE(S) OF BASELINE DATA ARE USED IN CONJUNCTION WITH THE SELECTED ASSESSMENT TO MEASURE STUDENT GROWTH (SELECT ALL THAT APPLY):</p> <p><input type="checkbox"/> HISTORICAL DATA</p> <p style="padding-left: 40px;"><input type="checkbox"/> CURRENT COHORT      <input type="checkbox"/> PREVIOUS COHORT(S)</p> <p style="padding-left: 80px;">DESCRIBE HOW THE HISTORICAL DATA INFORMS PREPAREDNESS FOR THE COURSE AND IS A GOOD PREDICTOR OF STUDENT GROWTH:</p> <p><input type="checkbox"/> EARLY COURSE FORMATIVE ASSESSMENT AND/OR OBSERVATIONAL DATA</p> <p style="padding-left: 80px;">DESCRIBE HOW THE EARLY COURSE FORMATIVE ASSESSMENT AND/OR OBSERVATIONAL DATA INFORMS PREPAREDNESS FOR THE COURSE AND IS A GOOD PREDICTOR OF STUDENT GROWTH:</p> <p><input type="checkbox"/> PRE-ASSESSMENT</p> <p style="padding-left: 80px;">DESCRIBE HOW THE PRE-ASSESSMENT INFORMS PREPAREDNESS FOR THE COURSE AND IS A GOOD PREDICTOR OF STUDENT GROWTH:</p> <p><input type="checkbox"/> OTHER</p> <p style="padding-left: 80px;">PLEASE SPECIFY:</p> <p style="padding-left: 80px;">DESCRIBE HOW THIS BASELINE DATA INFORMS PREPAREDNESS FOR THE COURSE AND IS A GOOD PREDICTOR OF STUDENT GROWTH:</p>
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<p>PLEASE EXPLAIN HOW GROWTH TARGETS FOR EACH STUDENT ARE SET FOR THE SELECTED ASSESSMENT AND METHOD OF COLLECTING STUDENT LEVEL BASELINE DATA, INCLUDING HOW TARGETS ARE DIFFERENTIATED, AS NECESSARY, BASED ON THE INFORMATION PROVIDED BY THE BASELINE DATA. IN PARTICULAR, PLEASE EXPLAIN HOW THE ASSESSMENT IS USED WITH STUDENTS WHOSE PREPAREDNESS FOR THE COURSE/GRADE LEVEL IS VARIED:</p>

**FORM G**

**STUDENT ASSESSMENTS FOR  
TEACHER AND PRINCIPAL EVALUATION**

**APPLICANT CERTIFICATION FORM**

Please read each of the items below and check the corresponding box to ensure the fulfillment of the technical criteria.


PLEASE SUBMIT ONE “FORM G” FOR EACH APPLICANT.

The Applicant makes the following assurances:

Assurance	Check each box:
The assessment is rigorous, meaning that it is aligned to the New York State learning standards or, in instances where there are no such learning standards that apply to a subject/grade level, alignment to research-based learning standards.	<input checked="" type="checkbox"/>
To the extent practicable, the assessment must be valid and reliable as defined by the Standards of Educational and Psychological Testing.	<input checked="" type="checkbox"/>
If used with a Student Learning Objective, the assessment can be used to measure one year’s expected growth for individual students.	<input checked="" type="checkbox"/>
For K-2 assessments, the assessment is not a “Traditional Standardized Assessment” as defined in Section 1.3 of this RFQ.	<input checked="" type="checkbox"/>
For assessments previously used under Education Law §3012-c, Education Law §3012-d under RFQ #15-001, or for purposes other than educator evaluation, the assessment results in differentiated student-level performance. If the assessment has not produced differentiated results in prior school years, the applicant assures that the lack of differentiation is justified by equivalently consistent student results based on other measures of student achievement.	<input checked="" type="checkbox"/>
For assessments not previously used in teacher/principal evaluation, the applicant has a plan for collecting evidence of differentiated student results such that the evidence will be available by the end of each school year.	<input checked="" type="checkbox"/>
At the end of each school year, the applicant will collect evidence demonstrating that the assessment has produced differentiated student-level results and will provide such evidence to the Department upon request. <sup>2</sup>	<input checked="" type="checkbox"/>

<sup>2</sup> Please note, pursuant to [Section 2.2](#) of this RFQ, an assessment may be removed from the approved list if such assessment does not comply with one or more of the criteria for approval set forth in this RFQ

**To be completed by the Copyright Owner/Assessment Representative of the assessment being proposed and, where necessary, the co-applicant LEA:**

Edmentum, Inc. 1. Name of Organization (PLEASE PRINT/TYPE)	 4. Signature of Authorized Representative
Todd Mahler 2. Name of Authorized Representative (PLEASE PRINT/TYPE)	August 4, 2023 5. Date Signed
Chief Product Officer 3. Title of Authorized Representative (PLEASE PRINT/TYPE)	

N/A 1. Name of LEA (PLEASE PRINT/TYPE)	4. Signature of School Representative
2. School Representative's Name (PLEASE PRINT/TYPE)	5. Date Signed
3. Title of School Representative (PLEASE PRINT/TYPE)	