

edmentum™

**K-12 digital curriculum,
assessments, and services**

Personalise Education

- **Personalise Learning**
Improve attainment and progress
- **Personalise Curriculum**
Greater choice, flexibility, interest, motivation, competitive edge.
- **Children Reach Their Potential**





How can we ensure children flourish and reach their full potential?



How do we demonstrate to others (inspection authorities, owners, parents) the success we are adding as a school?



Data – Should Positively Impact Learning

DATA

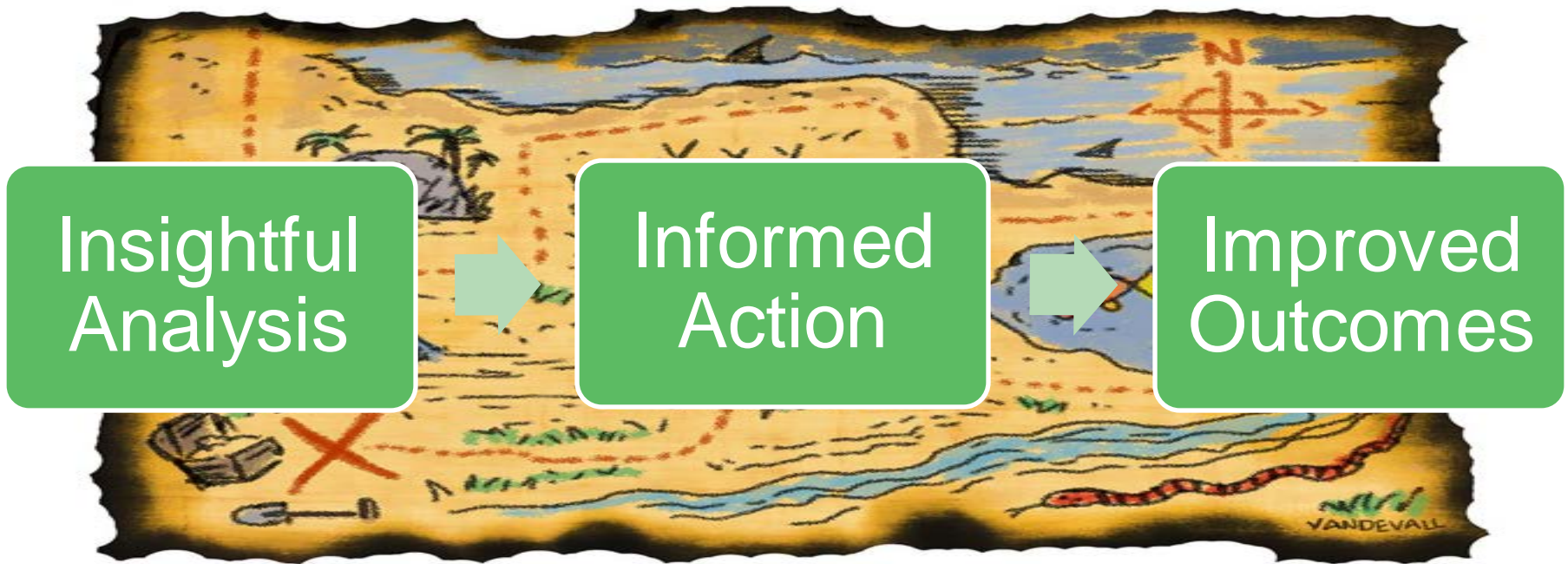


SORTED



PRESENTED
VISUALLY







‘Effective Assessments must impact the learning process.’

Assessments that keep learners focused, motivates them, increases the level of challenge and gives them actionable feedback, really enables learners to make progress.’

Tom Sherringham.



Exact Path



Partnerships in the Middle East

دائرة التعليم والمعرفة
DEPARTMENT OF EDUCATION
AND KNOWLEDGE



taaleem
inspiring young minds




ALDAR ACADEMIES
SHAPING OUR FUTURE

GENS
EDUCATION


DOME
INTERNATIONAL SCHOOLS


Britus
International
Schools
AL OLAYA - KSA


مؤسسة قطر
Qatar Foundation

edmentum™

Industry Recognized as Best in Class



Best Learning Capacity-Building Solution

“recognizing the best tool that can be used to increase attention, responsibility, independence, and engagement in learning.”



THE EDTECH AWARDS



COOL TOOL
FINALIST 2021





Diagnostic and Formative Assessment

2 components

1) Diagnostic Assessment – Attainment and Progress – Math, ELA, Reading

School Group, School, Grade Level, Class, Individual

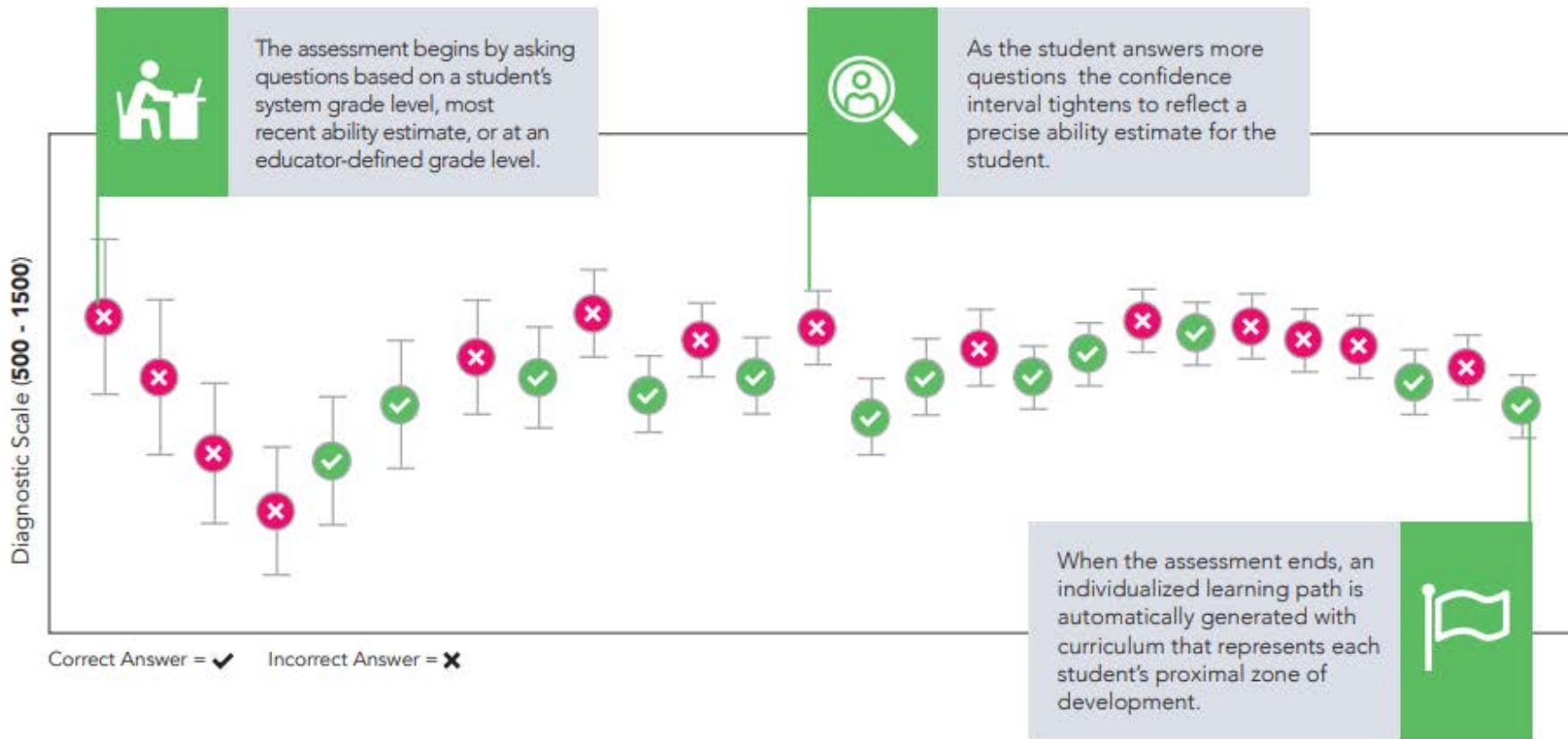
2) Learning Path – provides teaching, practice and formative mastery tests



Exact Path



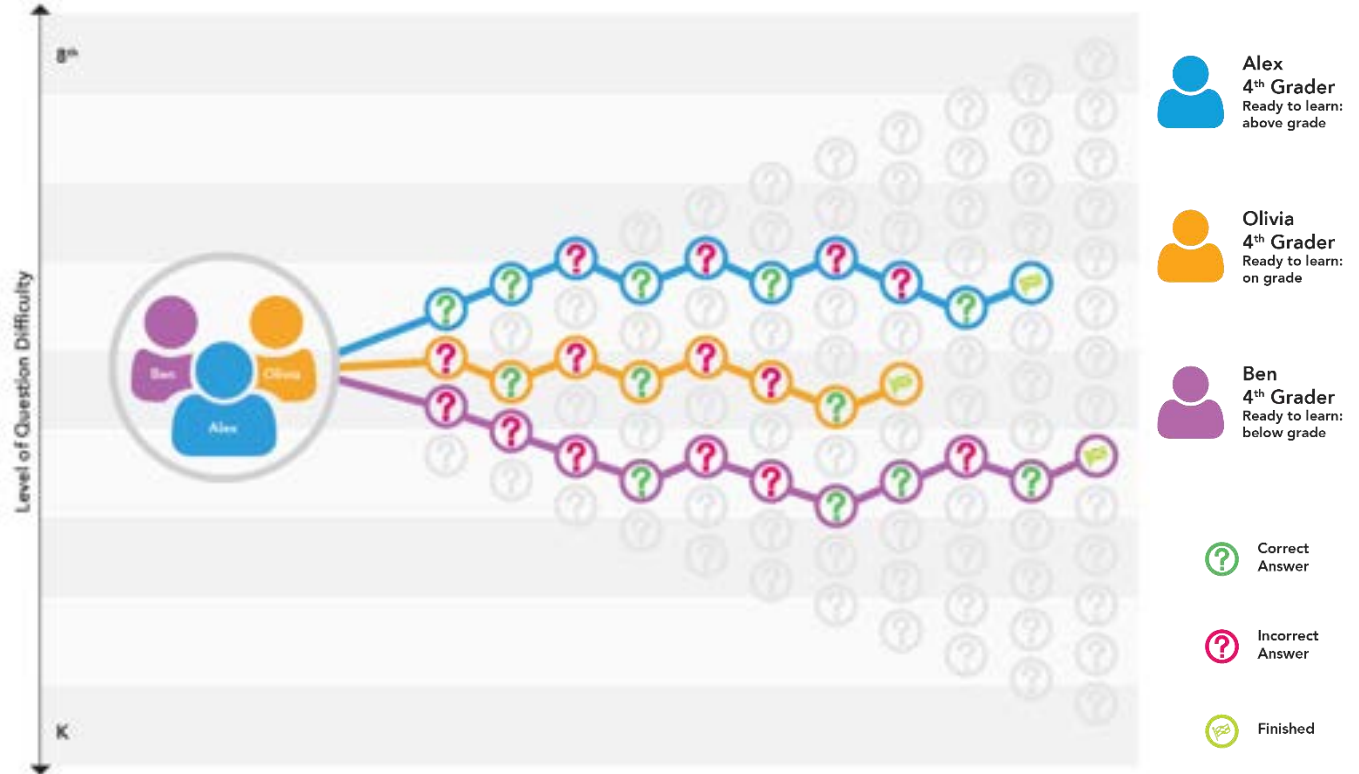
How does the adaptive assessment work?



Adaptive Diagnostic Assessments

The adaptive experience:

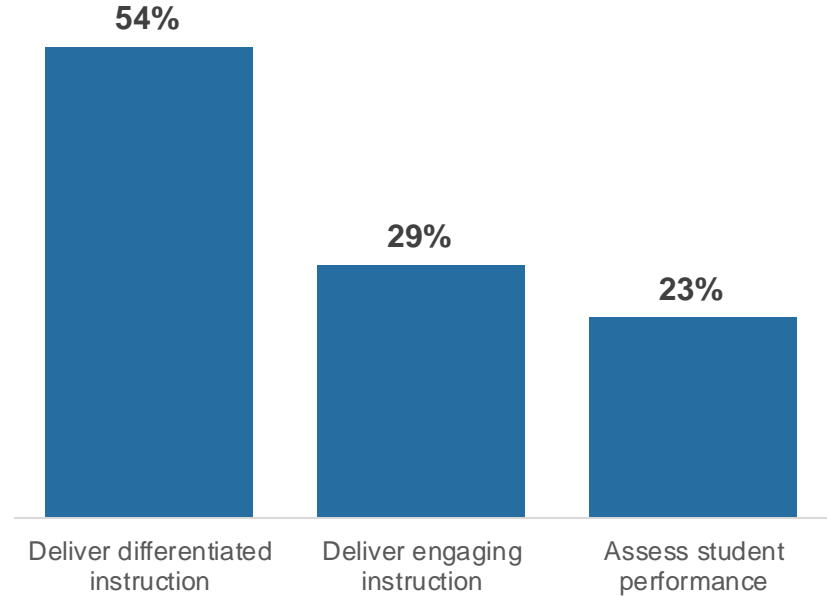
- Evaluates students on a valid vertical psychometric scale of learning
- Adjusts in real time based on in-the-moment student responses
- Offers a unique testing experiences utilizing a robust item pool



54%

54% of teachers surveyed listed the ability to deliver differentiated instruction as the most challenging instructional responsibility

Source: Tyton Partners survey, May 2022/October 2021



Source: Tyton Partners survey, October 2021



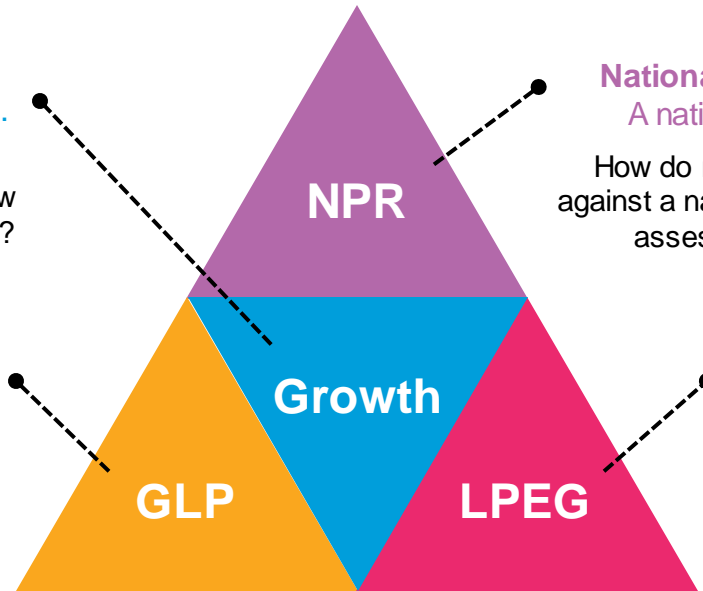
Interpreting Scale Scores in Class Results

Growth and Typical Growth Progress and relative performance.

How much progress are students making between assessments and how does that compare to what's expected?

Grade Level Proficiency A readiness classification.

Are my students tracking toward end-of-year grade-level expectations relative to fall, winter, and spring expectations?

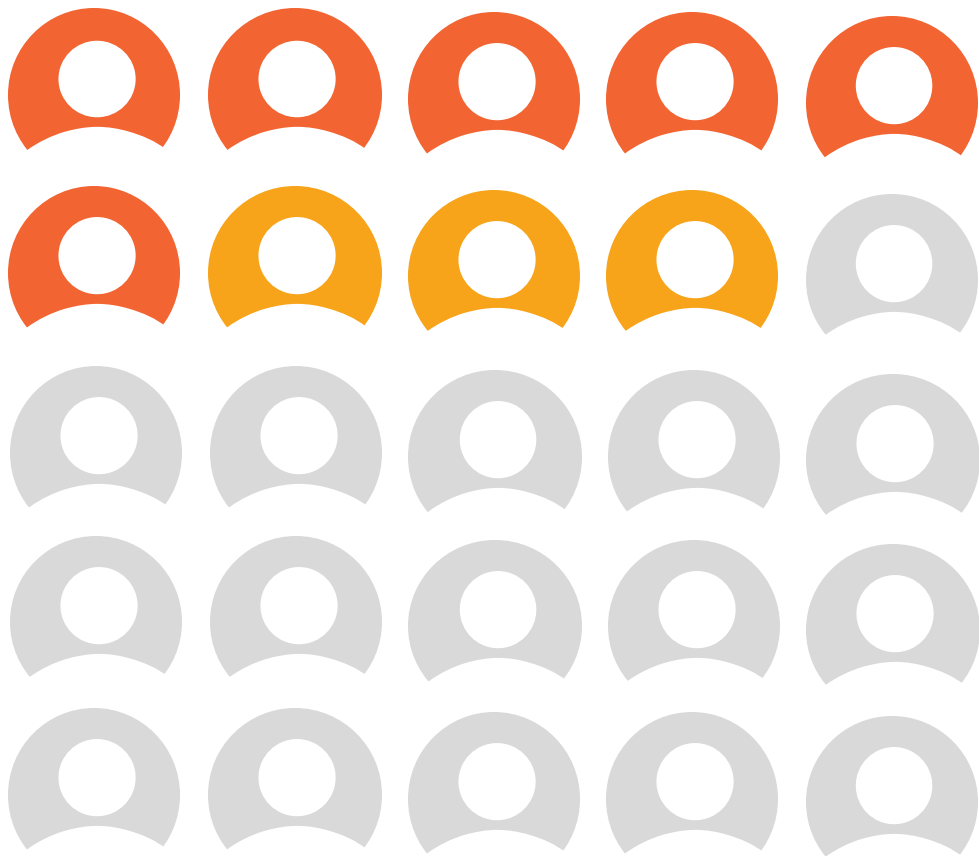


National Percentile Rank A national comparison.

How do my students compare against a nationally normed sample assessed in the spring?

Learning Path Entry Grade A starting point.

What is the grade level associated with the first skill my students will be asked to complete in their learning path?



In a classroom of 30 4th grade math students, a report by McKinsey found that

THREE

additional students will be 2+ grades behind historical trends.

Source: McKinsey & Company, December 2021



Exact Path

Measure	First Diagnostic	Second Diagnostic	Actual Growth	Typical Growth	Time in Lng Path	Skills Mastered
NPR Math	66	98	32		Math 11 hours	29
NPR Reading	56	89	33			
NPR ELA	36	97	61		ELA 22 hours	40
Scaled Score Math	1031	1175	144	35		
Scaled Score Reading	1067	1200	113	35	Reading 21 hours	24
Scaled Score ELA	981	1194	213	34		



Exact Path

Measure	First Diagnostic	Second Diagnostic	Actual Growth	Typical Growth	Time in Lng Path	Skills Mastered
NPR Math	70	98	28		Math 9 hours	23
NPR Reading	34	89	55			
NPR ELA	33	97	64		ELA 22 hours	42
Scaled Score Math	1100	1175	75	35		
Scaled Score Reading	978	1200	222	35	Reading 30 hours	38
Scaled Score ELA	980	1194	214	34		



SIS MISSION

The mission of Summit International School is to create a happy and safe learning environment that cultivates...
learning paths through...
and reflect...

SIS VISION

school that provides every student...
personalized learning, opportunities for...
confidence and creativity to...
every day.

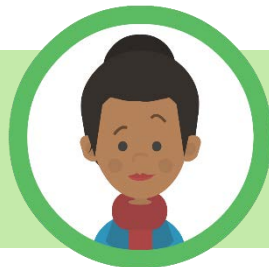
Challenges of Personalized Learning



How do I find time to personalize my instruction?



How do I determine each student's unique strengths and needs?



How will I reach BOTH my struggling and accelerated learners?



I know my students learn in different ways; how do I plan for these different instructional approaches?



How do I keep up with ongoing student progress and continually adjust instruction based on student progress?



What's in a learning path?

For every skill a student receives, there are three key components.



Practice

Scaffolded practice includes immediate feedback and encouragement.

START



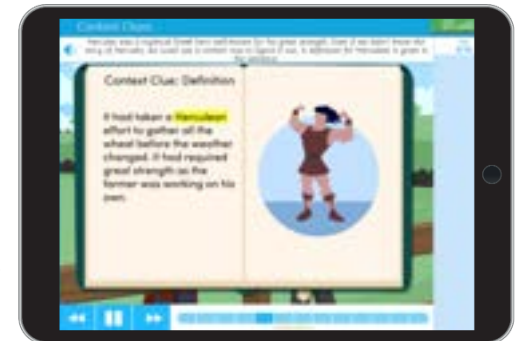
Quiz

Short, 5-question quizzes assess one skill at a time. Responses are scored for educator review.



Lesson

Animated tutorials introduce and model a new skill.





Exact Path

[Go to Demo](#)



Supporting Teachers to Improve Learning

Personalise Learning

Immediate Feedback

Reduced Marking

Comprehensive Analysis – at a variety of scales

Reduce Teacher Workload

Improvements in Curriculum Planning

Improvements in Teaching and Learning

Free's time for Intervention and Teaching!

How is Exact Path being used by Teachers?

- 1) Differentiate Learning
- 2) Target Interventions
- 3) Improve ELL
- 4) Teach on Grade Level Content
- 5) For Retrieval Practice
- 6) For Flipped Learning
- 7) Support Independent Learning
- 8) Support Teachers



Exact Path for ELL

“Exact Path has enhanced engagement, improved competition, and raised standards. Everyone at every level is invested in the program now”.

“The bespoke learning is incredible. All of our students are second language learners, and the fact they can have something that is pitched to their level is so beneficial.”

Mr. Adam Keaveny, Vice Principal at Abdulla Bin Otaiba School.

“It is an integrated into our lessons and homework and is an incredible learning tool. It builds on children’s learning and supports teachers’ learning. It allows teachers to be really focused on students’ needs and to help tailor their lesson plans. It has become part of our curriculum and an expectation which staff have really bought into.”



Exact Path for Intervention

“The way this program is designed creates an atmosphere for success for the students that no other curriculum has provided for them in years before“

reported Trish Davis, special education teacher at Cushing Middle School in Cushing, Oklahoma.

"[My students] can eventually learn so much more than people have believed they could".

Making Significant Growth in Exact Path

Dosage by Learning Goal and Implementation Model

Implementation	Goal	Dose per week per subject*
Tier 1 Differentiation	Support on-level learning, fill gaps, and provide reinforcement and extensions. Target completing a grade level's work in a year.	40–60 minutes per week per subject Examples: <ul style="list-style-type: none">• 20 minutes two times per week• 20 minutes three times per week
Tier 2 or 3 Intervention	Repair foundations and fill gaps from previous years. Target completing 1.5 to 2 grade levels' work in a year.	90–150 minutes per week per subject Examples: <ul style="list-style-type: none">• 30 minutes three times per week• 30 minutes five times per week

**Typical RTI/MTSS cycles are 8–20 or more weeks of instruction followed by re-evaluation of need, depending on Tier. Exact Path's diagnostic assessment is recommended for administration 3 times per academic calendar.*

Research Confirms Gains

students who complete at least 8 skills show significant learning gains

Invest with Fidelity

With an investment of at least 20 minutes per session and 40-60 minutes per week per subject, students will be on their way to improving academic achievement!

Station Rotation Model





Perfect for students K-12

Whether students are working on skills below or above grade level, they can expect to find an age-appropriate interface and corresponding curriculum.



Grades K-2

Easy login option, simplified and automated learning path experience in an underwater world



Grades 3-5

Additional navigation and student choice while soaring above the clouds in a hot air balloon



Grades 6-12

Mature user interface that appeals to middle and high school learners



Available Accommodations & Modifications

Presentation

- Click-to-Speak Read Aloud
- Automatically adapts and remediates
- Varied content style for K-2, 3-5, and 6-12
- JAWS accessibility for blind/low-vision students

Response

- Digital dictionary from Merriam-Webster
- Basic, graphic, and scientific calculators available

Settings

- Web-based 24/7 access from anywhere with an Internet connection

Timing

- No time limits, entirely self-paced
- Save and exit allows students to easily take breaks
- Flexibility to administer assessments within specific windows of time
- Easy login uses a simple graphical password

Assignments

- Assign additional remediation, acceleration, or targeted reinforcement as needed
- Computer-adaptive test algorithm presents unique questions for each learner

Curriculum

- Assessment experience and scoring is adaptive based on specific learning readiness
- Remedial topics are automatically assigned based on need
- Diagnostic may be omitted, learning path may be edited



What do our Customers Say?

- 93% of teachers and school leaders said they would recommend Exact Path to other schools.
- 82% of teachers and school leaders said they had identified an improvement in student scores and student success from using Exact Path.
- 92% of teachers and school leaders said they were highly satisfied with Edmentum's customer support.
- 84% of teachers and school leaders said they were highly satisfied with Edmentum's data reporting tools.

Acceleration & Remediation

Progress Check performance informs how learning paths adapt.

Building Blocks

If additional remediation is needed, Building Blocks automatically deploy to address gaps in learning by working on prerequisite skills.



Mastery Trophies

For each skill mastered, students automatically earn Trophies to motivate learning and incentivize success and a new skill is introduced.



Reward Learning Along the Way



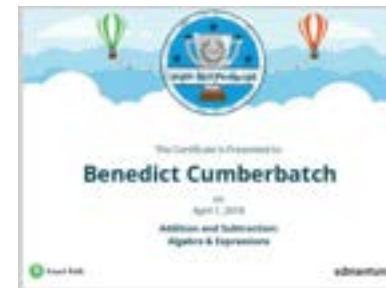
Challenge Badges

Recognize both grit and mastery using teacher-defined motivational challenges that can be set up based on time-on-task or mastery, with a specific timeframe and prizes selected by the teacher.

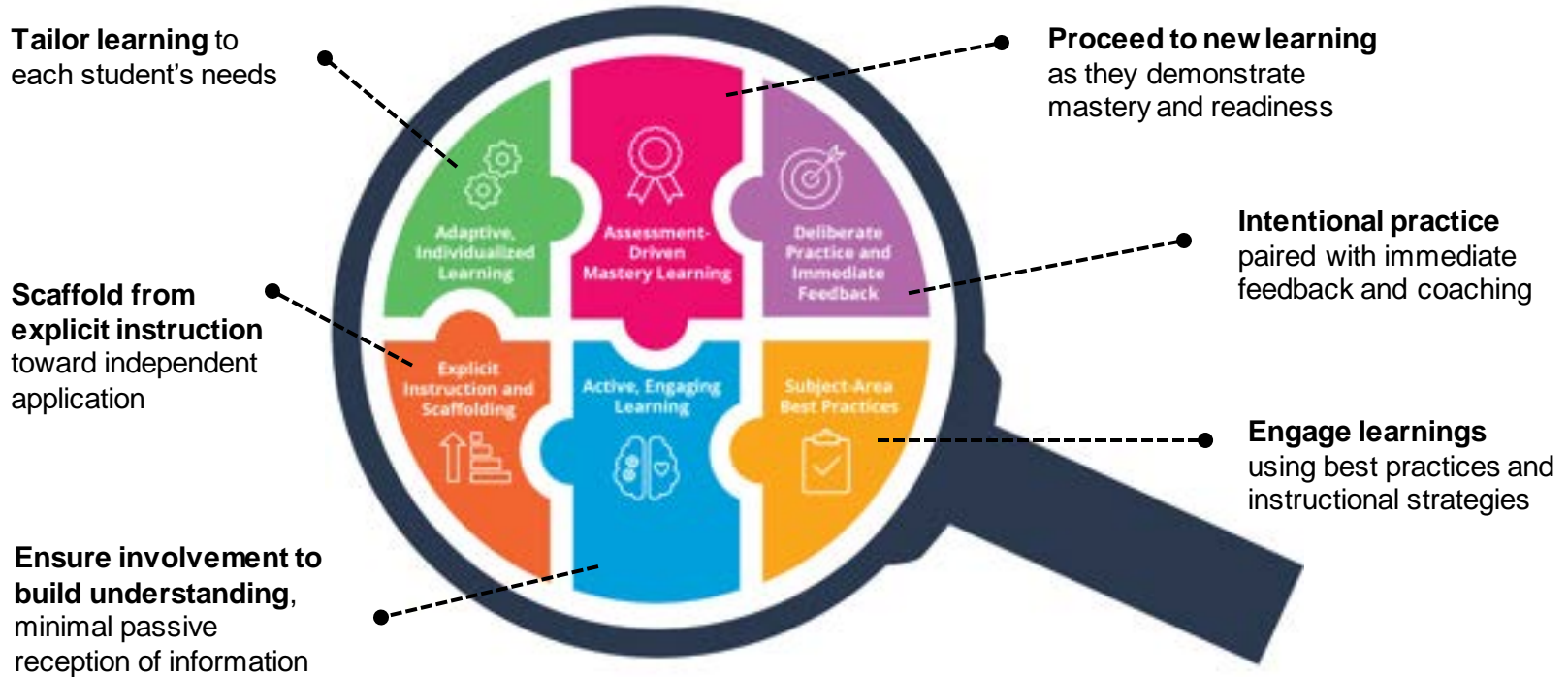
Mastery Trophies

For every skill a student masters on their Progress Check, they are rewarded with a Mastery Trophy.

Printable Certificates



Sound Pedagogy and Design Grounded in Learning Science



Supporting the Science of Reading

Exact Path supports the science of reading by using scientifically-based reading research (SBRR) instruction born out of the National Reading Panel.

Aligned to the 5 Pillars of Reading Instruction:

Phonological Awareness

Lessons sequence efficiently from word comparison to phoneme deletion & manipulation

Phonics

Sequenced and systematic exposure to phonics concepts

Fluency

Model fluent reading and address features of effective fluency instruction and practice

Vocabulary

Balanced blend between morphological analysis and word study contextualized in reading texts

Comprehension

Strategy instruction followed by coaching during reading



Designed Around 5 Foundational Math Pillars

Conceptual Understanding

Progress skills from concrete (using manipulatives) to representational (using models, diagrams, and other pictorial representations) to abstract (numbers and symbols)



Reasoning & Problem Solving

Understand and apply problem-solving and reasoning through a four-step model—understand the problem, devise a plan, carry out the plan, review and look back



Mathematical Models & Representations

Build mathematical understanding with representations like pictures, models, diagrams to develop connections between concrete and abstract representations



Mathematical Communication

Develop vocabulary and mathematical language as developmentally appropriate to support math concept understanding



Key Math Skills

Build a solid foundation for algebra with dedicated focus on whole number concepts, fraction concepts, and geometry and measurement

