

Student Software and Formative Data



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01

Formative Data Collection

Formative assessment and data collection

Formative assessment is a planned, ongoing process used by students and teachers during learning and teaching to elicit and use evidence of student learning to improve student understanding of intended disciplinary learning outcomes and support students to become self-directed learners.

Formative Assessment

Examples

Classroom teachers employ a multitude of strategies to formatively assess student progress in the classroom. The most effective of these strategies provides students with immediate feedback. Some of the most common strategies employed include: exit tickets, iron chef, thin slide, think-pair-share, short digital quizzes, and the platforms discussed in this report.

Teachers then utilize the data to plan subsequent instruction on their own, as well as discuss in their site-based professional learning communities during common planning time.

02

Software to Support Formative Data Collection



Formative Software in CVUSD

ESGI

One-on-One progress monitoring system that allows teachers to differentiate instruction, inform parents and administration and show student growth over time.

IXL

Online program where students can gain fluency and confidence with essential math and language arts skills through fun and interactive questions and built-in support.

Lexia Core5

Provides all students—from at-risk to on-level and advanced—a systematic and structured approach to six areas of reading: phonological awareness, phonics, vocabulary, structural analysis, automaticity/fluency, and comprehension.

MasteryConnect

K-12 digital assessment management system that allows teachers to efficiently and effectively determine what a student knows and does not know based on the core standards. Student understanding is laid out in trackers and based on a variety of assessment types.

Scholastic Literacy Pro

A blended reading solution that curates a personalized bookshelf for students in Grades K-8, supporting independent reading with data to inform instruction.

03 ESGI



Usage Information

Grade Spans and Schools:

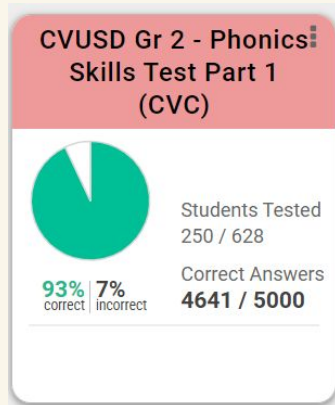
ESGI is utilized in grades **TK through 2** at all elementary schools districtwide. It allows teachers to digitally administer the standards-based benchmark assessments in **Reading and Mathematics**. Teachers utilize the district-created assessments that are aligned with the grade-level standards-based report cards, as well as have the option to create additional formative assessments.

Types of Data:

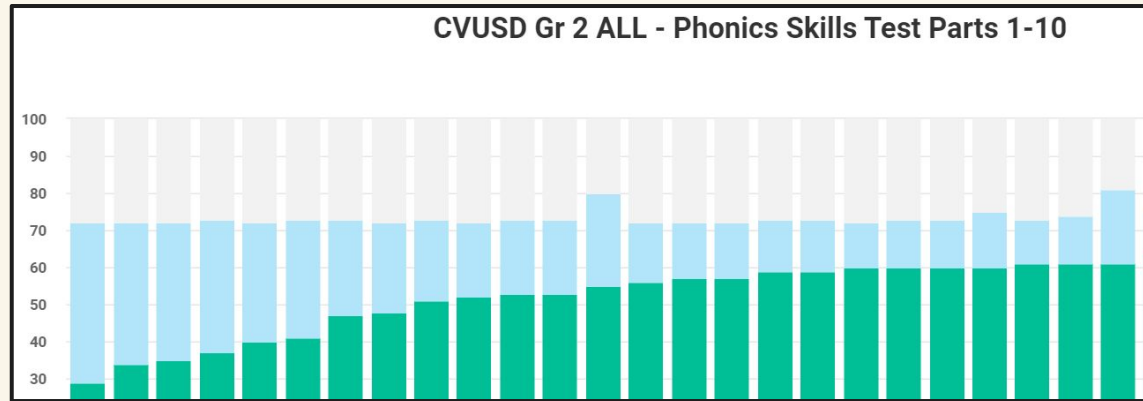
For teachers, they can receive reports such as Class Totals, District Growth, Item Analysis, and Student Progress Towards Standards. Additionally, ESGI offers individual student reports that can be generated and given to parents and guardians to assist with supporting learning at home (e.g., shows a parent/guardian which letter sounds a student needs to practice).

Formative Data for Instruction

Examples of Reports:



The Pie Charts provide a quick glance of the average percent correct/incorrect on a specific test for a group of students or an individual student. They can be viewed directly from the Home Screen or run as a report. District and School Admins have the ability to run the report by grade level.



The Item Analysis report helps teachers determine which items or concepts were mastered, and which should be revisited, as well as help identify small groups of students with common needs and close the gaps in class. It shows a bar graph for each question on a test and the percentage of students that answered correctly, incorrectly, or have not yet been tested.

04 IXL



Usage Information

Grade Spans and Schools:

We have **12,181** students licensed to use IXL in **Mathematics, English Language Arts**, or both. In grades K through 5, all students are licensed in both subjects. In grades 6 through 8, all students are licensed in Mathematics, and most students are licensed in English Language Arts. In grades 9 through 12, students are licensed based on teacher usage from last year.

IXL is a research-based platform that yields positive, statistically significant results for students who complete at least 30 questions per week per subject.

WE'VE ANSWERED **3,297,267** QUESTIONS THIS YEAR!

Our district on IXL:



12,181 students



431 teachers

Examples of Teacher Reports

At a glance, teachers can see how students are practicing skill sets.

This school year, your students have...



ANSWERED
11,300
QUESTIONS

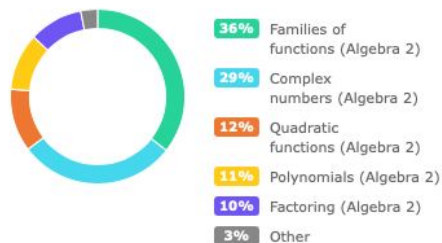


SPENT
128 hr 31 min
PRACTICING

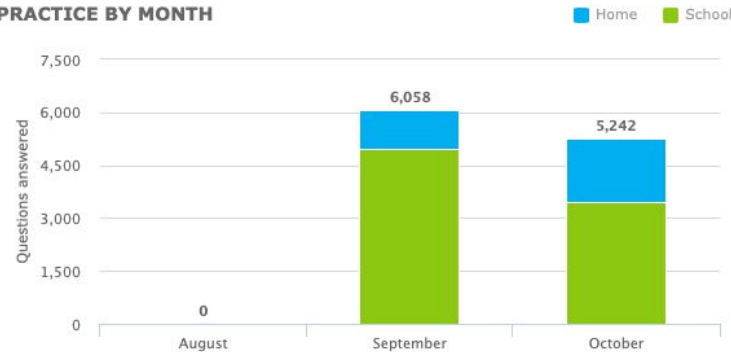


MADE PROGRESS IN
22
SKILLS

PRACTICE BY CATEGORY



PRACTICE BY MONTH



Examples of Teacher Reports

Diagnostic assessments yield a corresponding grade-level on student progress to provide teachers with strengths and areas for growth for each student.

DIAGNOSTIC OVERVIEW



05 Lexia Core5



Usage Information

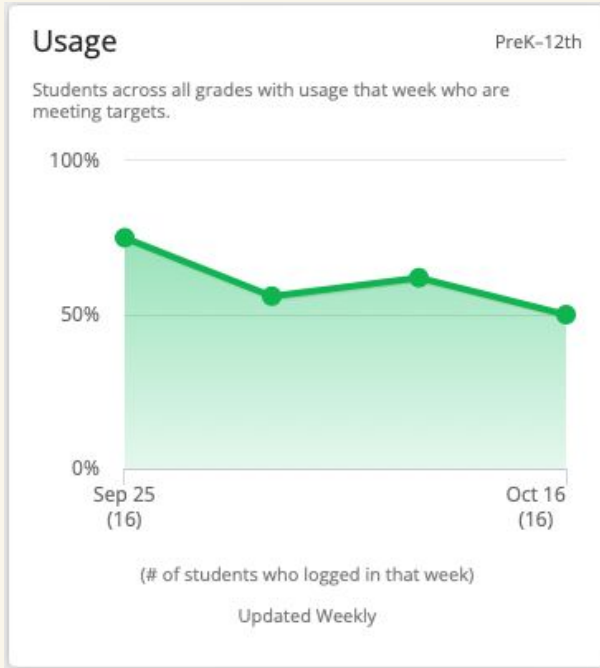
Grade Spans and Schools:

Lexia Core5 is currently provided to select schools **Grades TK-8** to support **reading intervention**. Students using the platform are doing so as part of the Tier 2 Intervention process of Multi-Tiered Systems and Support (MTSS). Lexia provides a more in-depth and prescriptive platform for struggling young readers.

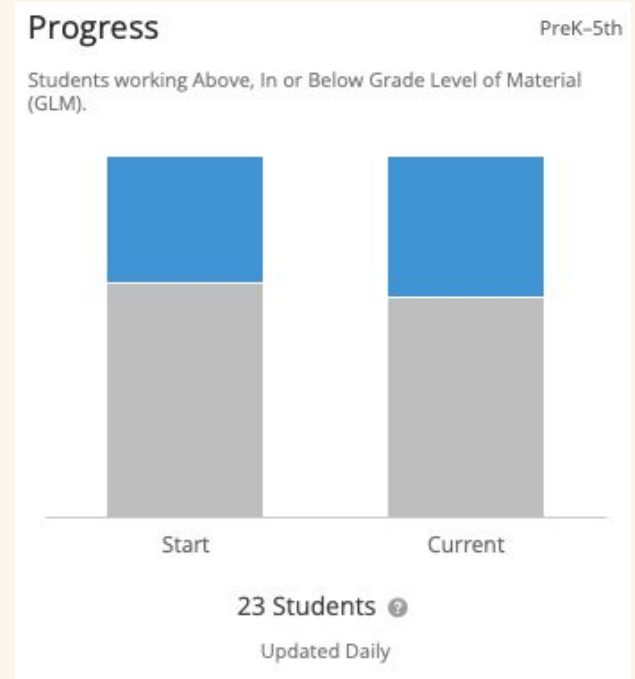
Types of Data:

Teachers and site administrators receive reports on student progress toward learning new reading skills that research shows are important toward mastery in reading.

Examples of Teacher Reports



Usage and progress reports allow teachers and administrators to compare the volume of time spent using Lexia Core5 with student progress in gaining the skills needed to be a fluent and accurate reader.



06

Scholastic Literacy Pro



Usage Information

Grade Spans and Schools:

Scholastic Literacy Pro was purchased for all schools serving grades **TK through 8 students**. The licensing allows all teachers and students from those schools to utilize the platform, but usage is mostly contained within the **English Language Arts** and **English Language Development** content areas. Students in grades 2 through 8 are taking the Scholastic Reading Measure for Lexile testing at least 3 times per year as one measure to track student reading progress.

Types of Data:

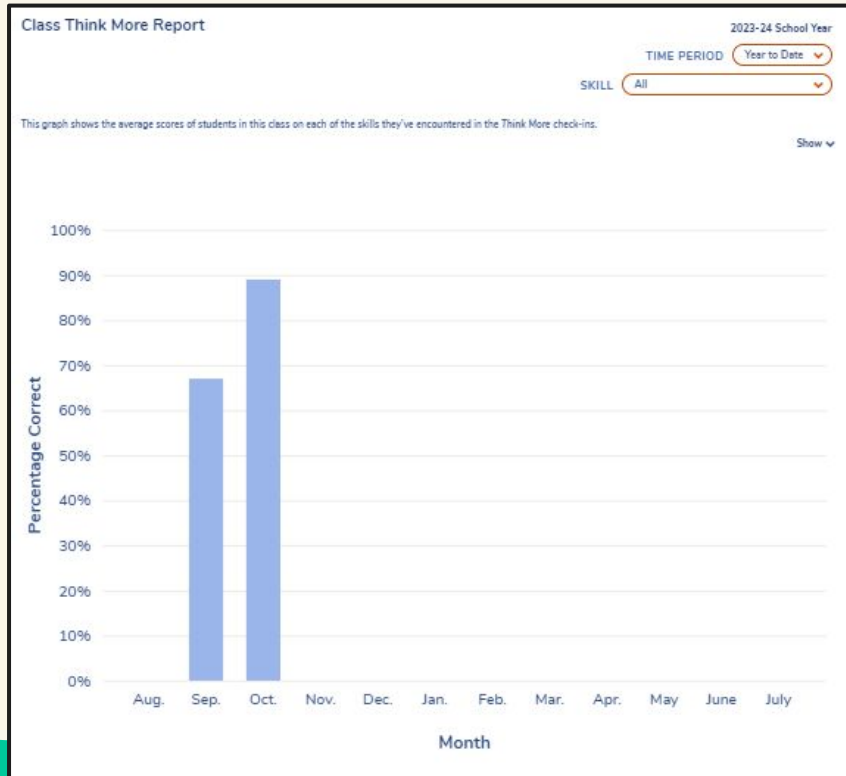
All staff users (teachers, site administrators, district administrators) can analyze student Lexile levels from the Scholastic Reading Measure, as well as analyze student reading comprehension via the ThinkMore assessments.

Examples of Reports

1008L Proficient	9/01/2023	Scholastic Reading Measure
1008L Proficient	9/06/2023	Scholastic Reading Measure
1016L Proficient	9/01/2023	Scholastic Reading Measure
1018L Proficient	9/01/2023	Scholastic Reading Measure
1019L Proficient	9/01/2023	Scholastic Reading Measure
1021L Proficient	9/13/2023	Scholastic Reading Measure
1022L Proficient	9/01/2023	Scholastic Reading Measure
1023L Proficient	9/01/2023	Scholastic Reading Measure
1026L Proficient	9/21/2023	Scholastic Reading Measure
1030L Proficient	9/01/2023	Scholastic Reading Measure
1040L Proficient	9/01/2023	Scholastic Reading Measure

The Class Leveling Report shows Lexile measures of students in the selected class(es) throughout the year. Each Lexile measure is shown within one of four proficiency ranges, depending on the student's grade level and the time of year.

Examples of Reports



The Think More Reports contain a graph with the average scores of students in the class on each of the skills they've encountered in their Think More comprehension checks.



07 MasteryConnect





Usage Information

Grade Spans and Schools:

MasteryConnect is utilized in **Grades 3-8** across all elementary and middle schools in the subjects of **English Language Arts** and **Mathematics**. Benchmarks are administered each trimester in grades 3-5 in ELA and Math, and quarterly in grades 6-8.

Individual teachers at the elementary, middle, and high school levels use MasteryConnect to administer additional formative assessments in an electronic format.

Number of assessments: 1,456

Number of student scores: 291,203

Types of Data:

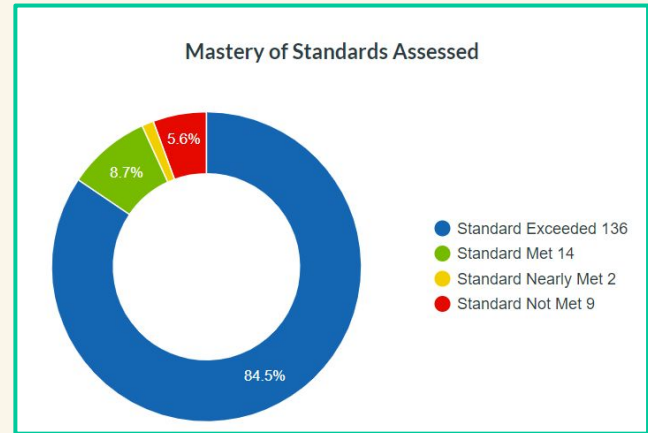
Teachers can receive reports such as Item Analysis of Standards, Student Mastery of Standards, and Tracker Comparison. School and District Administrators can review aggregate data across a given school or the entire district on an assessment.

Formative Data for Instruction

Examples of Reports:

CVUSD_Benc...▼	3.MD.A.1 ▼	3.MD.A.2 ▼	3.MD.B.3 ▼
92% (22/24)	MET	EXCEEDED	EXCEEDED
88% (21/24)	EXCEEDED	EXCEEDED	EXCEEDED
100% (24/24)	EXCEEDED	EXCEEDED	EXCEEDED
100% (24/24)	EXCEEDED	EXCEEDED	EXCEEDED
96% (23/24)	EXCEEDED	EXCEEDED	EXCEEDED
75% (18/24)	MET	EXCEEDED	EXCEEDED

Mastery Trackers allow educators to identify key groups of students and monitor their mastery of standards over the course of an academic year. Mastery empowers teachers to track student mastery of standards and permits administrators to observe student progress.



Mastery of Standards Assessed provides Administrators with data that identifies mastery of standards at the school and grade levels to both monitor progress and guide instructional practices to support achievement of standards.

Overall Costs: 2023-2024

Software	Annual Cost	Budget Source
ESGI	\$33,966	General Fund
IXL	\$162,125	ESSR 3 Stimulus
Lexia Core5	\$51,987	ESSR 3 Stimulus
Scholastic Literacy Pro	\$81,074	General Fund
MasteryConnect	\$112,835	General Fund

Questions?