

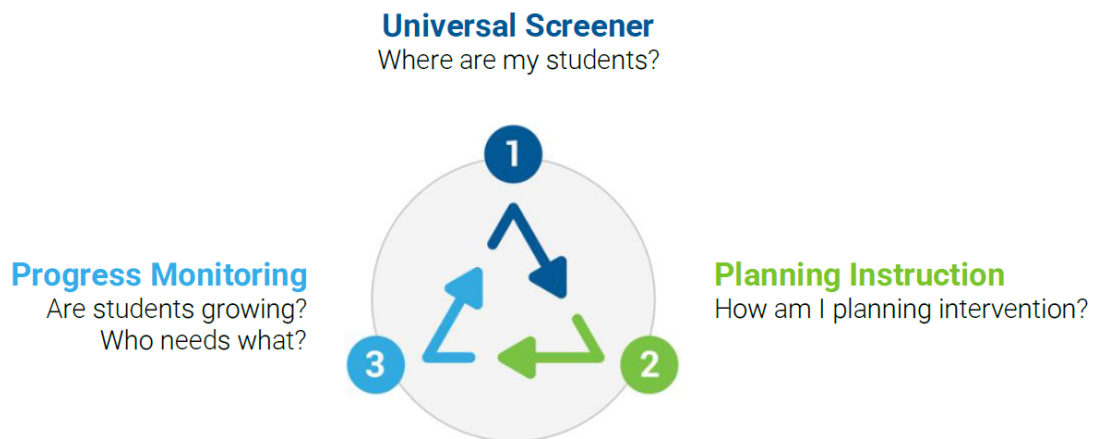
RENAISSANCE

Using Star Math & Freckle Math Together in the Classroom

Data is becoming more relevant to help answer the questions: “Where are my students?” and “What next?”.

Below is a three-part framework outlining how using Star Math and Freckle Math together can support your universal screening, instructional planning, and progress monitoring initiatives. Whether it’s reviewing a snapshot of student data after taking a Star test or monitoring continuous practice data in Freckle, use this resource to guide *your* process.

How can you use Star Math *with* Freckle Math for intervention and enrichment?



Let’s begin with Universal Screening. With Star Math results, we recommend that you first answer the question “Where are my students?”

Use the reports detailed on the following pages to get started.

Star Math Screening Report

This report categorizes students' benchmark levels. In addition, it provides data on each student's Scaled Score, Grade Placement, Grade Equivalent, and Percentile Rank. Reference [this document](#) to learn more about each score.

[Refer to this video](#) to learn how to find the report, bookmark it for future use, and more!

RENAISSANCE Star Screening Report
Star Math Enterprise Assessment (English)

School: Renaissance Data Elementary School | Teacher: Brandt, Katelyn | Class: 3rd Grade | Screening Period: 08/02/21-08/14/21 | Demographics: All Demographics | Scale: Star Unified Scale | Benchmark Type: District

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Category/Level	Scaled Score	Percentile Rank	Number	Percent
At/Above Benchmark	At/Above 904 SS	At/Above 49 PR	6	43%
Below Benchmark				
On Watch	Below 904 SS	At/Below 39 PR	3	21%
Intervention	Below 881 SS	At/Below 24 PR	2	14%
Urgent Intervention	Below 848 SS	At/Below 9 PR	3	21%
Category Total			8	57%
Students Tested			14	
Students Not Tested			1	
Total Students			15	

Key questions to ask based on this and other information:
Are you satisfied with the number of students at the highest level of performance? Next, consider the level or score that indicates proficiency. Which students just above proficiency are you "worried about" and what support within or beyond core instruction is warranted? What support is needed for students just below? Do all students represented by your lowest level need urgent intervention?

RENAISSANCE Star Screening Report
Star Math Enterprise Assessment (English)

School: Renaissance Data Elementary School | Teacher: Brandt, Katelyn | Class: 3rd Grade | Screening Period: 08/02/21-08/14/21 | Demographics: All Demographics | Scale: Star Unified Scale | Benchmark Type: District

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At/Above Benchmark

Student	Test Date	Growth Score
Acker, Kalley	08/13/21	
Brassard, Krista	08/03/21	
De la Croix, Kyle	08/02/21	
Dhein, Billy	08/03/21	
Marschner, Jessica	08/03/21	
Palmer, Krystal	08/02/21	

On Watch

Student	Test Date	Growth Score
Cummings, Walter	08/03/21	
Hauke, Russ	08/03/21	
Parsons, Elizabeth	08/03/21	854

Intervention

Student	Test Date	Growth Score	SS	GP	GE	PR
Krause, Sunshine	08/03/21	869	880	3	2.4	34
Layton, Sara	08/03/21	830	870	3	2.3	19

Urgent Intervention

Student	Test Date	Growth Score	SS	GP	GE	PR
Becker, Kennedy	08/02/21	751	756	3	<1	1
Fancher, Travis	08/03/21	785	785	3	1.1	1
Rogers, Drew	08/03/21	793	785	3	1.1	1

No Completed Tests

Student
Peters, Ben

Guiding Question:

Which students are reaching benchmarks and which may need additional support or intervention?

What next?

With this information, you can use [Focus Skills Practice](#) for students that need intervention. Or, you can leverage Freckle's student [enrichment resources](#). Use the matrix on the last page to view the data based on your instructional goals.

Star Math Standards Mastery Report

This report identifies students' progress towards mastery for each standard. Broken down into sections for each domain, the class report identifies which students are beginning to master a standard, how many are developing mastery, and which students have mastered the standard. [Refer to this video](#) to learn more!

RENAISSANCE [™] State Standards Mastery - Class Report		Math (English)									Generated Sep 8, 2021, 10:34 AM				
School		Class													
A Renaissance Data Middle School		Math Period D													
Report for Students in Grade 6													Beginning 0-59%	Developing 60-79%	Secure 80-
Algebra															
Domains	Expressions and Equations														
Standards	and ate erical essions iving e- ber nents.	Write, read, and evaluate expressions in which letters stand for numbers.	Write expressions that record operations with numbers and with letters standing for numbers.	Identify parts of an expression using mathematical terms (sum, term, product, factor, quotient, coefficient); view one or more parts of an expression as a single entity.	Evaluate expressions at specific values of their variables. Include expressions that arise from formulas used in real-world problems. Perform arithmetic operations, including those involving whole- number exponents, in the conventional order when there are no parentheses to specify a particular order (Order of Operations).	Apply the properties of operations to generate equivalent expressions.	Identify when two expressions are equivalent (i.e., when the two expressions name the same number regardless of which value is substituted into them).	Understand solving an equation or inequality as a process of answering a question: which values from a specified set, if any, make the equation or inequality true? Use substitution to determine whether a given number in a specified set makes an equation or inequality true.	Use variables to represent numbers and write expressions when solving a real-world or mathematical problem; understand that a variable can represent an unknown number, or, depending on the purpose at hand, any number in a specified set.	Solve real- world and mathematical problems by writing and solving equations of the form $x + p = q$ and $px = q$ for cases in which p, q and x are all nonnegative rational numbers.					
Bailey, Efford	86	84	80	81	84	80	80	67	80	79					
Bishop, Emanuel	84	82	78	78	82	77	77	64	77	76					
Burns, Erika	15	13	9	9	13	9	9	6	9	9					
Howard, Edward	90	89	86	86	89	85	85	74	85	84					
Kennedy, Elizab...	91	90	87	87	90	87	87	77	87	86					
Mendoza, Ebene...	54	50	43	43	50	42	42	29	42	40					
Stephens, Evanka	71	68	62	62	68	61	61	46	61	59					

Guiding Question:
How well are students mastering grade-level state standards?

What next?
Now that you know where your students are, Freckle uploads each students' Star Math score to identify math adaptive practice levels for each domain and create [Focus Skills Practice](#).

(Pro tip: Want your students only practicing a certain domain? [Edit their student dashboard!](#))

Freckle Practice and Report Matrix

Star Math reports provide a snapshot of student progress. Freckle’s adaptive practice types support your student’s journey to mastery. Based on your intervention and enrichment goals, the matrix below shows which Freckle reports align to each practice type.

Click the hyperlinks below for short videos to learn more.

	Core Instruction	Small Group Instruction	Individual Intervention	Enrichment
Math Adaptive Practice	<p>Monitor student progress using the Levels Report.</p> <p>Identify students’ lowest domain and grades grown in adaptive practice from the Report Card.</p> <p><i>Pro tip: Use this report during parent/teacher conferences!</i></p> <p>Track student proficiency by standard in the Performance by Standard Report.</p>	<p>Group students using the Class Grouping Report.</p> <p>Track student proficiency by standard in the Performance by Standard Report.</p>	<p>Monitor student progress using the Levels Report.</p> <p>Identify students’ lowest domain and grades grown in adaptive practice from the Report Card</p> <p>Track student proficiency by standard in the Performance by Standard Report.</p>	<p>Monitor student progress using the Levels Report.</p> <p><i>Pro tip: Edit student levels for more challenging content.</i></p> <p>Identify grades grown in adaptive practice from the Report Card</p> <p>Track student proficiency by standard in the Performance by Standard Report.</p>
Targeted Practice	<p>Track which assignments are unfinished and completed in the Report Card.</p> <p>Filter targeted practice to monitor student proficiency in the Performance by Standard Report.</p> <p><i>Pro tip: Assign targeted practice assignments from this report!</i></p>	<p>Drill down in the Standards tab to view assignment accuracy in the Report Card.</p> <p>Track student proficiency by standard in the Performance by Standard Report.</p>	<p>Drill down in the Standards tab to view assignment accuracy in the Report Card.</p> <p>Track student proficiency by standard in the Performance by Standard Report.</p>	<p>Drill down in the Standards tab to view assignment accuracy in the Report Card.</p> <p>Track student proficiency by standard in the Performance by Standard Report.</p> <p><i>Pro tip: Assign DOK challenges from this report!</i></p>
Focus Skills Practice	<p>Monitor students’ Focus Skills progress in the Skills Progress Report.</p> <p>Track students’ Pre-Algebra, Algebra I, Geometry, and Algebra II skills progress in the Skills Progress Report.</p>			