Student Achievement Update
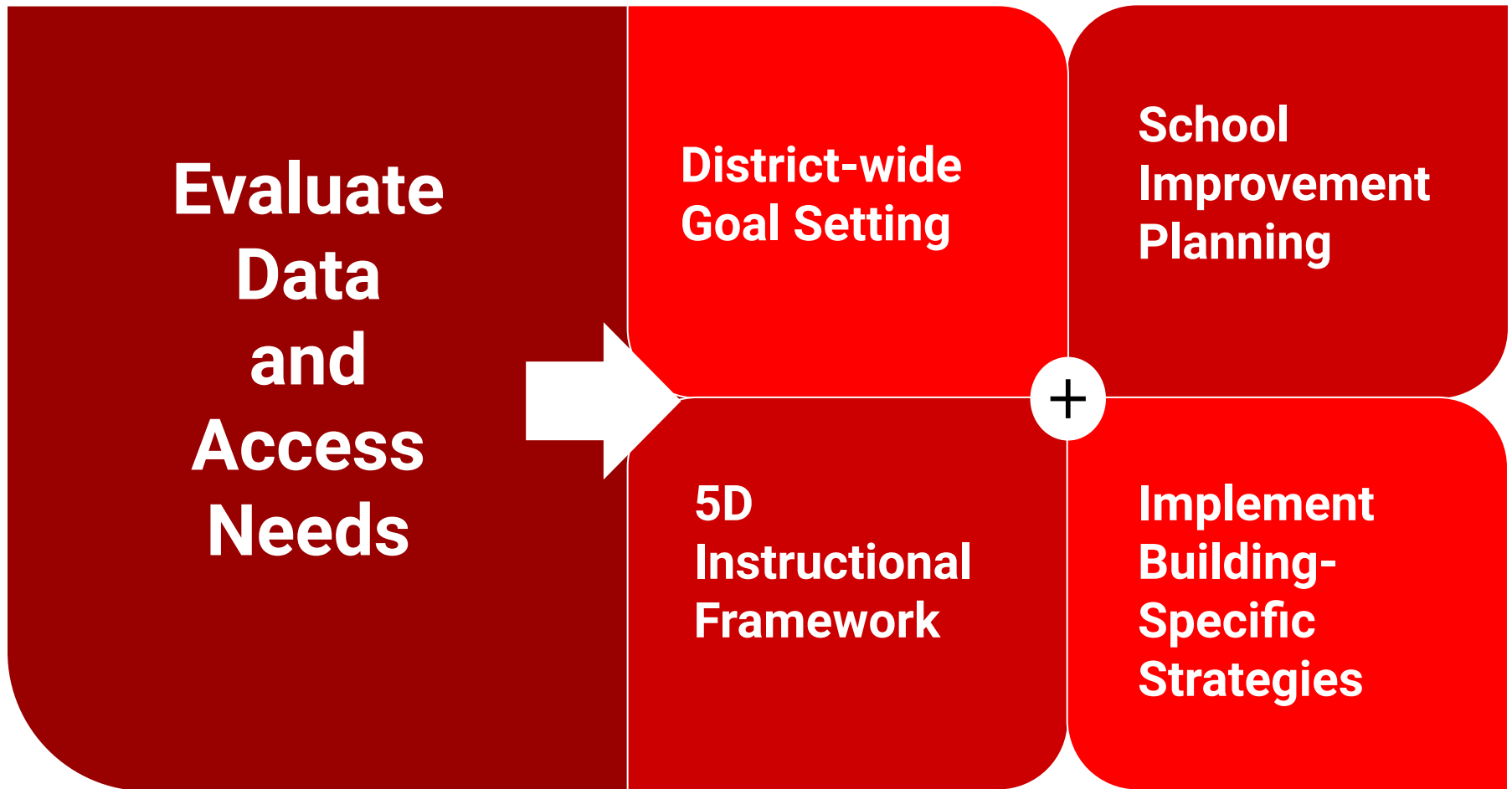
School Board Work Session
September 23, 2021

Using Data For Decision-Making

Assessment	Grade Levels
ACCESS and Alternate ACCESS for English Language Learners	K-12
ACT Plus Writing	11 & 12
Advanced Placement Tests	9-12
Benchmark Assessment System	K-5
Cognitive Abilities Test (CoGAT 7)	3
FastBridge	K-5
Minnesota Comprehensive Assessment (MCA) and Minnesota Test of Academic Skills (MTAS)	3-11
NWEA Measures of Academic Progress (MAP) Growth	6-8
Pre-ACT	10
PSAT	10 & 11

Stillwater Demographics: 2021 Race/Ethnicity

Race/Ethnicity	Count	Percent
Hispanic or Latino	560	6.8%
American Indian or Alaska Native	20	0.2%
Asian	412	5.0%
Black or African-American	418	5.0%
Native Hawaiian or other Pacific Islander	5	0.1%
White	6,437	77.6%
Two or more races	438	5.3%
All students	8,290	100.0%

50 languages other than English spoken at home

Stillwater Demographics: 2021 Special Populations

English learner	Special education	Free/Reduced-Price meals	Homeless

	Count	Percent
English learner	232	2.8%
Special education	1,321	15.9%
Free/Reduced-Price meals	1,073	12.9%
Homeless	43	0.5%

Stillwater
AREA PUBLIC SCHOOLS

Measuring achievement during the pandemic

- Variables:
  - Shifting instructional models (distance, hybrid, in-person)
  - Education interruptions due to quarantines
  - Testing schedule and locations for distance learners
  - 2021 statewide assessments not included in accountability measures
  - MDE has advised school districts not to compare statewide testing results with previous years

Stillwater
AREA PUBLIC SCHOOLS

Statewide Assessments - Purposes

- Provide a window into equitable opportunities for students to learn the standards in Reading, Math, and Science (MCA/MTAS)

- Measure a broad snapshot of student learning of grade level standards

- Measure progress in English Language Development for English Learners (ACCESS/ Alternate ACCESS)

Stillwater
AREA PUBLIC SCHOOLS

COVID-19 Impacts on Assessments (2019-2021)

Statewide Testing

- MCAs & MTAS and ACCESS
  - Cancelled 2020
  - Administered in 2021
    - Lower participation rate than in previous years
 - Do not use for trend comparisons

Districtwide Testing

- Fastbridge (K-5)
  - 2019-2020:
    - K-1: fall only
    - 2-5: fall and winter
  - 2020-2021:
    - K-1: fall and spring
    - 2-5: fall, winter, and spring
- NWEA MAP (6-8)
  - 2019-2020 and 2020-2021: Administered fall and early spring

Stillwater
AREA PUBLIC SCHOOLS

The Minnesota Report Card

Available District/School Data

- Attendance Data
- Student Demographics
- MN Student Survey Data
- Graduation Rates
- MCA/MTAS Participation
- MCA/MTAS Proficiency Rates
- MCA/MTAS Achievement Levels
- ACCESS Progress

https://rc.education.mn.gov/
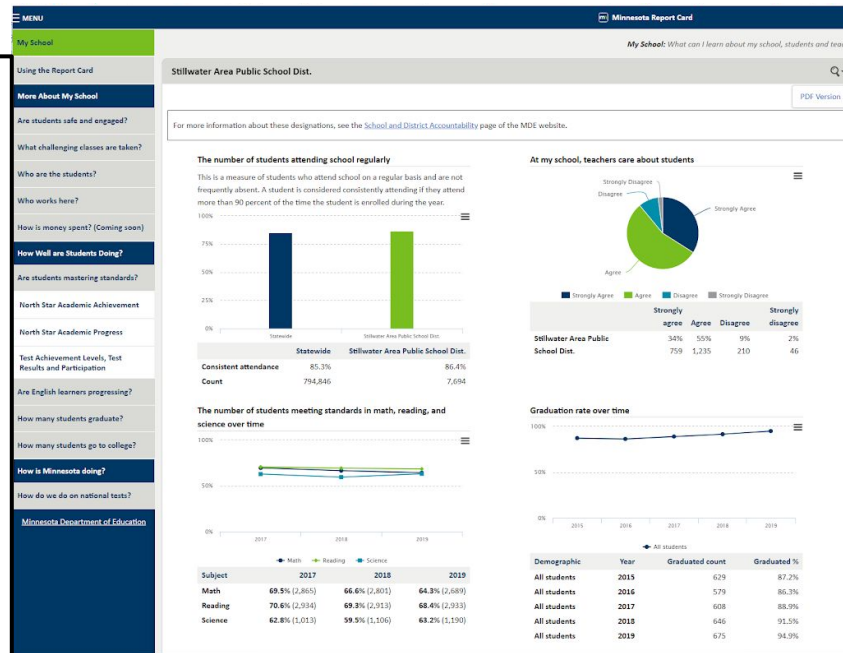
Sort or Filter by

- Test type
- School
- Grade level
- Subject
- Included students
- Race/Ethnicity
- Gender
- English Learner
- Special Education
- Free/Reduced Lunch
- Migrant
- Active Duty Parent
- Homeless
- SLIFE

Due to COVID-19, no 2020 summarized assessment data for MCA, MTAS, ACCESS, or Alternate ACCESS is available.
2021 tests will be administered for students on site; results shall not be used for student or program decisions

Opportunities for Improvement

- MCA participation and proficiency rates

- Early foundational literacy

- Early math

Stillwater
AREA PUBLIC SCHOOLS

2021 MCA Data

2021 MCA Participation Rates

READING

Organization name	Percent tested	Number tested	Number expected to be tested	Percent taking MTAS
Statewide	78.2%	356,303	455,549	1.0%
Stillwater Area Public School District	77.3%	3,290	4,258	0.9%

MATH

Organization name	Percent tested	Number tested	Number expected to be tested	Percent taking MTAS
Statewide	76.0%	344,967	453,929	1.0%
Stillwater Area Public School District	72.3%	3,108	4,300	0.9%

SCIENCE

Organization name	Percent tested	Number tested	Number expected to be tested	Percent taking MTAS
Statewide	75.3%	145,959	193,856	1.0%
Stillwater Area Public School District	75.0%	1,418	1,891	1.1%

2021 MCA Proficiency Data: Reading

All Grades (3rd-8th, 10th), All Stillwater Schools

Stillwater Area Public Schools
Subject: Reading Year: 2021 Grade: All Grades

➕ 2021 Student Achievement Level ❓

➖ 2021 Proficiency ❓

Organization name	Percent proficient	Number proficient	Number tested
Statewide	52.5%	185,577	353,459
Stillwater Area Public School District	56.2%	1,844	3,279
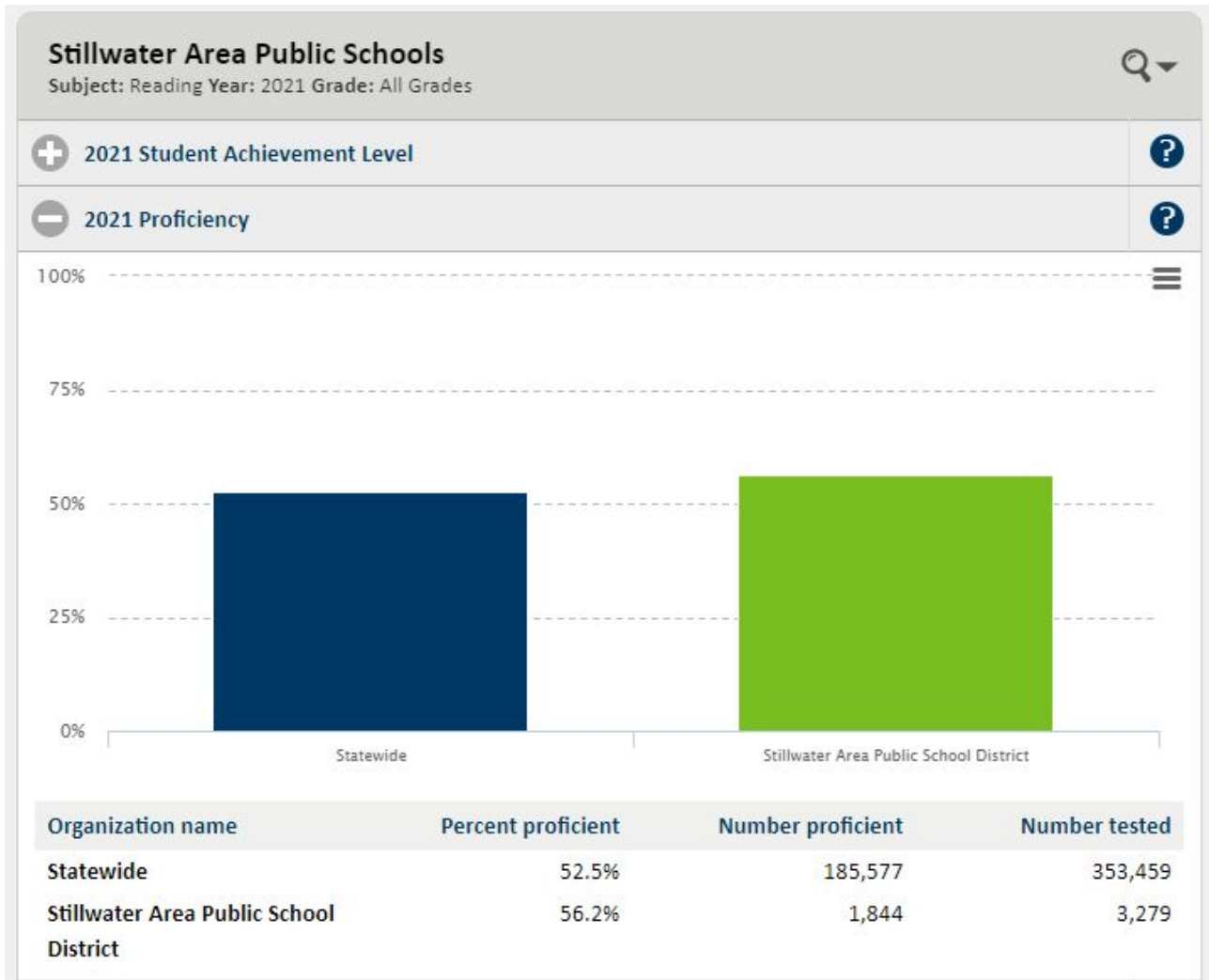
2021 MCA Proficiency Data: Math

All Grades (3rd-8th, 11th), All Stillwater Schools

Stillwater Area Public Schools
Subject: Math Year: 2021 Grade: All Grades

Q ▾

➕ 2021 Student Achievement Level ❓

➖ 2021 Proficiency ❓

Organization name	Percent proficient	Number proficient	Number tested
Statewide	44.2%	151,584	342,759
Stillwater Area Public School District	53.4%	1,652	3,095
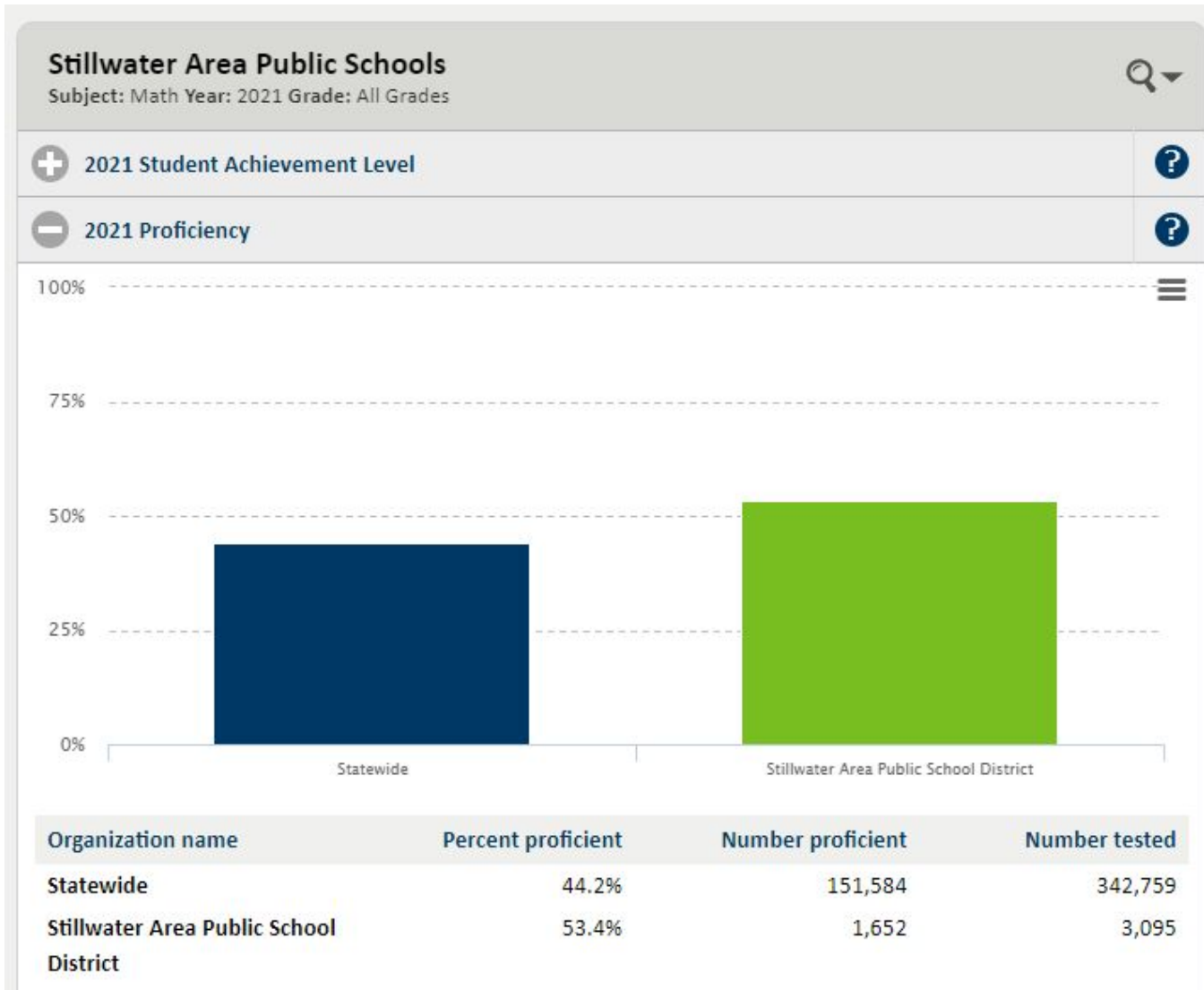
2021 MCA Proficiency Data: Science

All Grades (5th, 8th, & HS), All Stillwater Schools
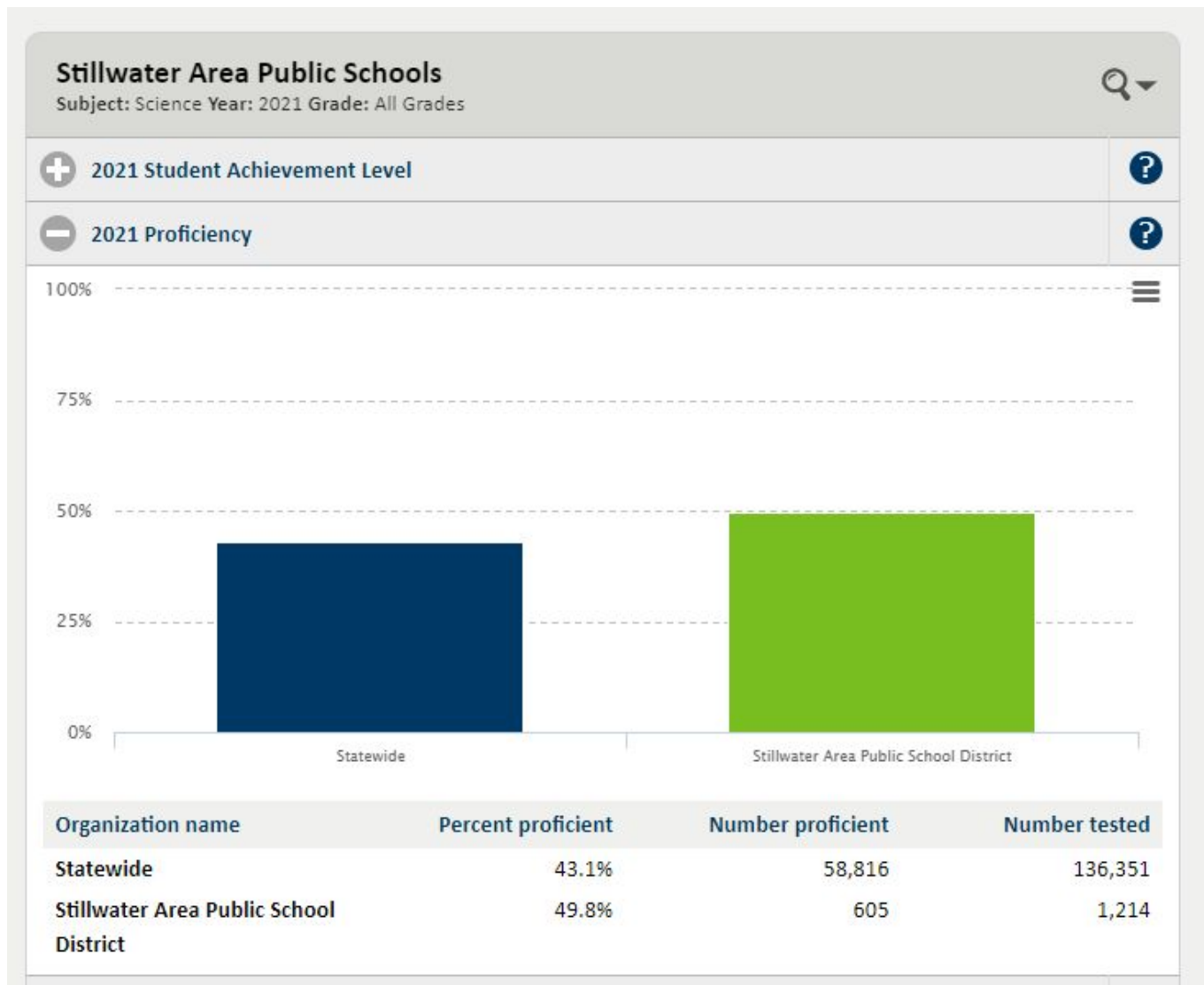
Stillwater Area Public Schools
Subject: Science Year: 2021 Grade: All Grades

🔍▾

➕ 2021 Student Achievement Level ❓

➖ 2021 Proficiency ❓

Organization name	Percent proficient	Number proficient	Number tested
Statewide	43.1%	58,816	136,351
Stillwater Area Public School District	49.8%	605	1,214

2021 MCA Proficiency Data: Districtwide Demographic Groups

Race/ Ethnicity	Reading % Proficient		Math % Proficient		Science % Proficient	
	State	Stillwater	State	Stillwater	State	Stillwater
Hispanic or Latino	31.4%	37.8%	21.1%	30.8%	21.2%	27.4%
American Indian or Alaska Native	27.7%	CTSR	17.8%	CTSR	18.9%	CTSR
Asian	50%	47.4%	43.3%	49.3%	40.7%	39.7%
Black or African-American	30.7%	34.1%	18.0%	28.7%	17.9%	30.0%
Native Hawaiian or other Pacific Islander	32.0%	CTSR	27.9%	CTSR	20.7%	CTSR
White	59.5%	60.1%	52.3%	57.8%	50.0%	54.0%
Two or more races	49.7%	53.6%	38.4%	49.7%	39.3%	44.1%

CTSR = Count Too Small to Report

2021 MCA Proficiency Data: Districtwide Demographic Groups

Race/ Ethnicity	Reading % Proficient		Math % Proficient		Science % Proficient	
	State	Stillwater	State	Stillwater	State	Stillwater
Male	49.2%	54.5%	46.1%	57.4%	44.5%	53.0%
Female	56.0%	58.0%	42.2%	49.4%	41.7%	46.3%
English learner	9.1%	6.4%	9.2%	17.0%	5.0%	0.0%
Special education	25.8%	28.7%	22.5%	29.8%	24.4%	23.8%
Free/Reduced-Price meals	32.4%	33.9%	22.7%	27.6%	23.4%	26.1%
Homeless	20.5%	17.9%	12.7%	11.5%	14.5%	40.0%

Districtwide Testing
K-8 Reading Data:
% of students meeting or exceeding benchmarks

Stillwater AREA PUBLIC SCHOOLS

**Due to the impacts of COVID during spring 2020, scores are reported for winter of 2019-2020 rather than spring

Longitudinal District Fastbridge earlyReading Data: K & 1st Grades

Percentage Of Students By Benchmark:

DISTRICT	-9% vs 2016-S...
KINDERGARTEN	-2% vs 2016-S...
ONE	-17% vs 2016-...

Longitudinal District Fastbridge aReading Data: 2nd-3rd Grades

Percentage Of Students By Benchmark:

Longitudinal District Fastbridge aReading Data: 4th-5th Grades

Longitudinal District Fastbridge Cohort Reading Data

% of Students Meeting or Exceeding Benchmark in Spring of School Year

(*Except 2019-2020 = Winter (due to COVID))

Class of 2031 (Current Grade 1)
Class of 2032 (Current Grade 2)
Class of 2031 (Current Grade 3)
Class of 2030 (Current Grade 4)
Class of 2029 (Current Grade 5)
Class of 2028 (Current Grade 6)

Early Reading (K-1)   aReading (Gr 2-5)
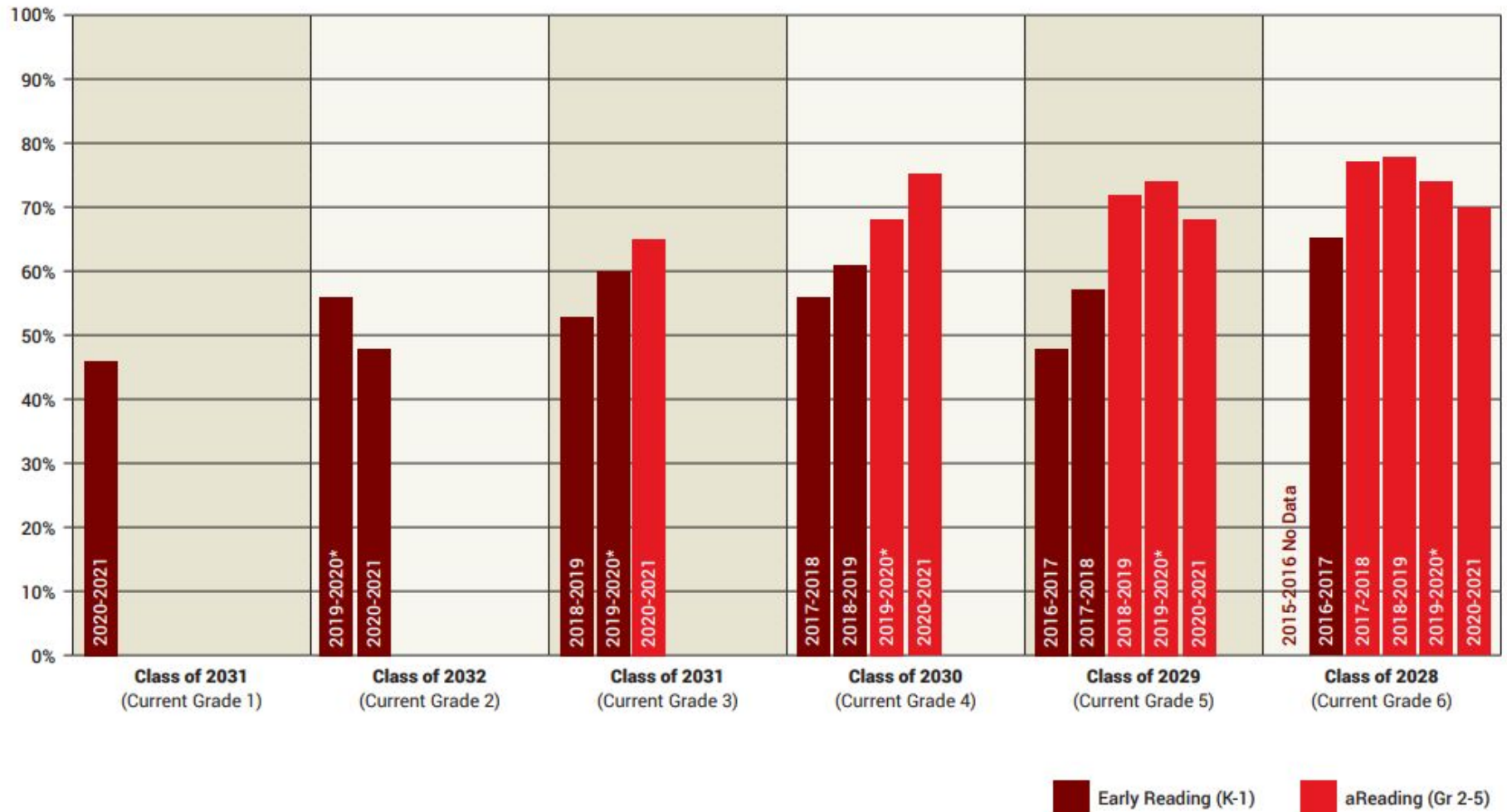
Longitudinal District NWEA MAP Reading Data: 6th-8th Grades

	Average National Percentile		% of Student with Average, High Average, or High Scores		% of Students Predicted to Meet or Exceed on Reading MCA	
	Spring 2019-2020	Spring 2020-2021	Spring 2019-2020	Spring 2020-2021	Spring 2019-2020	Spring 2020-2021
6th	62nd %ile	58th %ile	81%	77%	70%	64%
7th	61st %ile	62nd %ile	81%	78%	67%	65%
8th	63rd %ile	61st %ile	84%	80%	65%	61%

Districtwide Testing
K-8 Math Data:

% of students meeting or exceeding benchmarks

**Due to the impacts of COVID during spring 2020, scores are reported for winter of 2019-2020 rather than spring

Longitudinal District Fastbridge earlyMath Data: K & 1st Grades
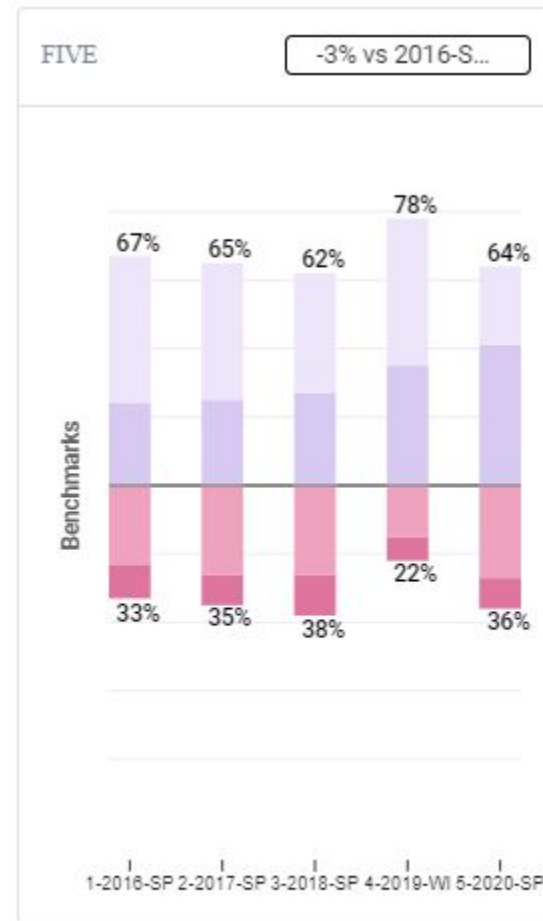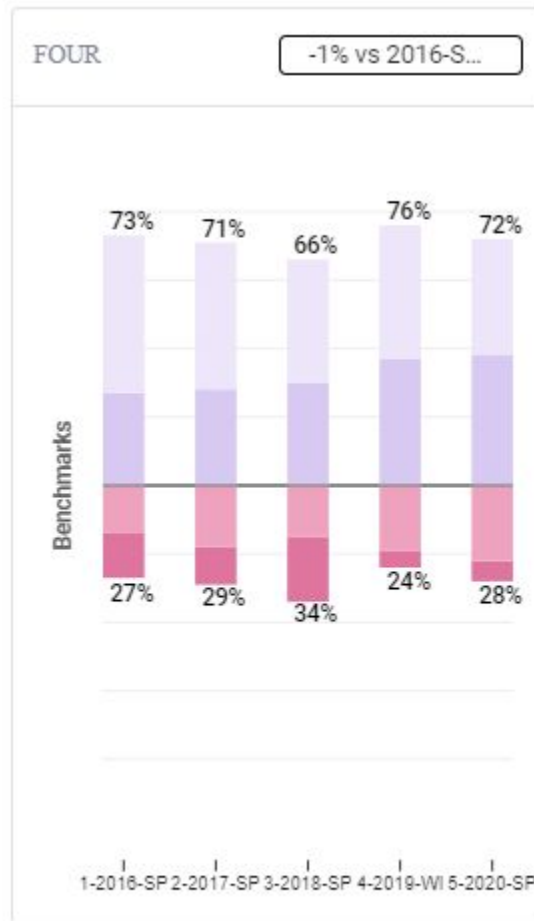

Percentage Of Students By Benchmark:

Longitudinal District Fastbridge <u>aMath</u> Data: 2nd-3rd Grades

Percentage Of Students By Benchmark:

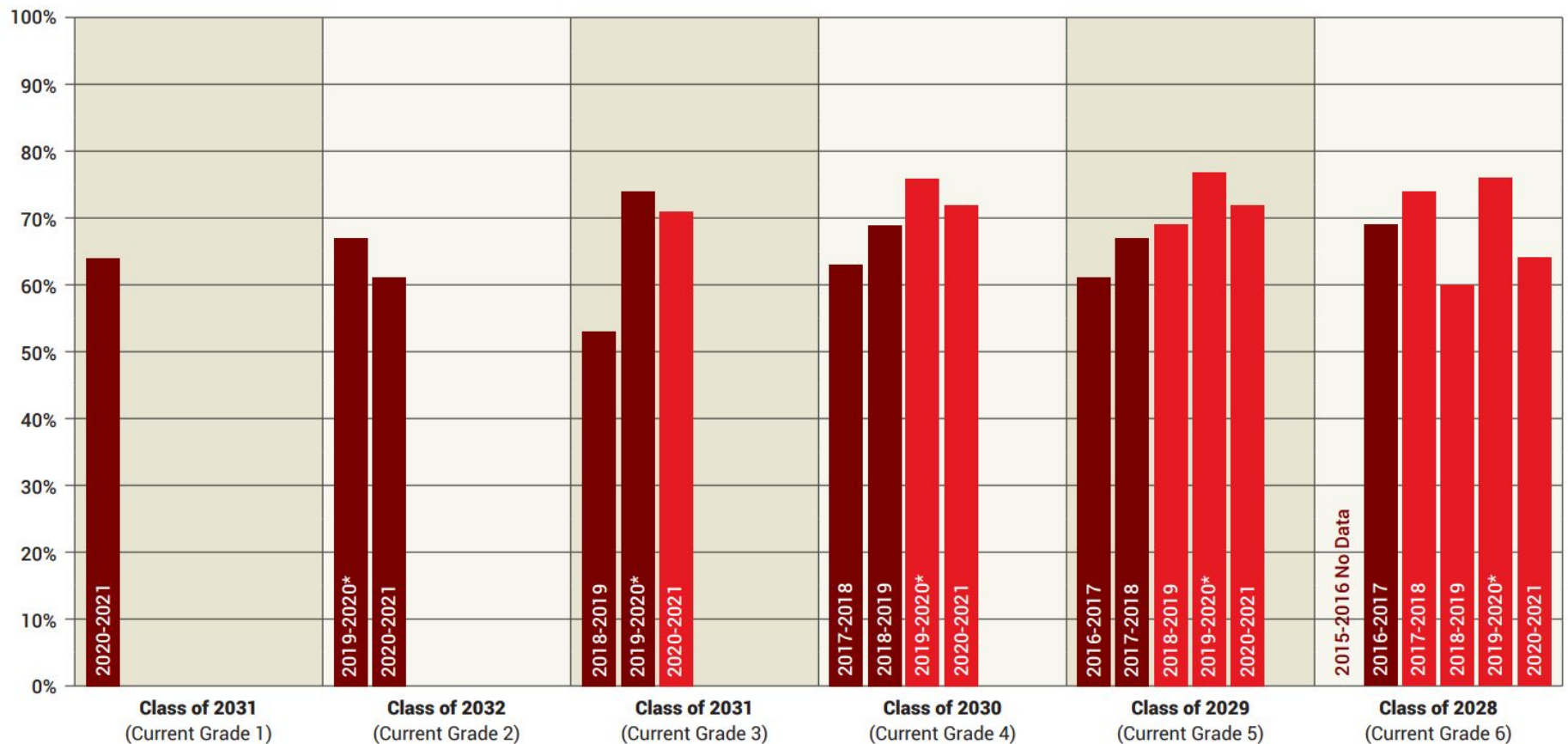# Longitudinal District Fastbridge aMath Data: 4th-5th Grades

Longitudinal District Fastbridge Cohort Math Data

% of Students Meeting or Exceeding Benchmark in Spring of School Year
(*Except 2019-2020 = Winter (due to COVID))

Longitudinal District NWEA MAP Growth Math Data: 6th-8th Grades

	Average National Percentile		% of Student with Scores in Average High Average, or High Categories		% of Students Predicted to Meet or Exceed on Math MCA	
	Spring 2019-2020	Spring 2020-2021	Spring 2019-2020	Spring 2020-2021	Spring 2019-2020	Spring 2020-2021
6th	62nd %ile	54th %ile	82%	71%	60%	33%
7th	63rd %ile	63rd %ile	82%	80%	50%	49%
8th	65th %ile	54th %ile	81%	73%	63%	41%

Success Highlights

88 of 216 students (41%) in second and third grade with fall scores in the "Some Risk" category grew beyond national grade level averages and ended the year with a spring score in the "Low Risk" or "Advanced" categories on the aReading assessment.

83 of 166 students (50%) grew out of the "High Risk" category from fall to spring in grades 2-5 on the aMath assessment.

With approximately 90% of Fall 2021 FastBridge testing complete:
● 70% of Kindergarten students are in Low Risk on earlyReading and 82% on earlyMath
● 72% of 1st grade on earlyMath
● 80% of 3rd grade aMath
● 78% of 4th grade on aReading

Systems & Structures

- **PowerSchool & Performance Matters** → Timely access to current and longitudinal data for school and district leaders, teachers, and staff; ability to visualize data for individuals, small groups, and large groups through various lenses

- **Multi-Tiered Systems of Support** → Identify students for reading and math interventions & provide support through ADSIS, Title I, & scheduled WIN time

- **Data Snapshot** → Revised spreadsheet of relevant data for Board review in fall, winter, & spring

- **Conferences** → Communicate with families about child's academic progress and performance
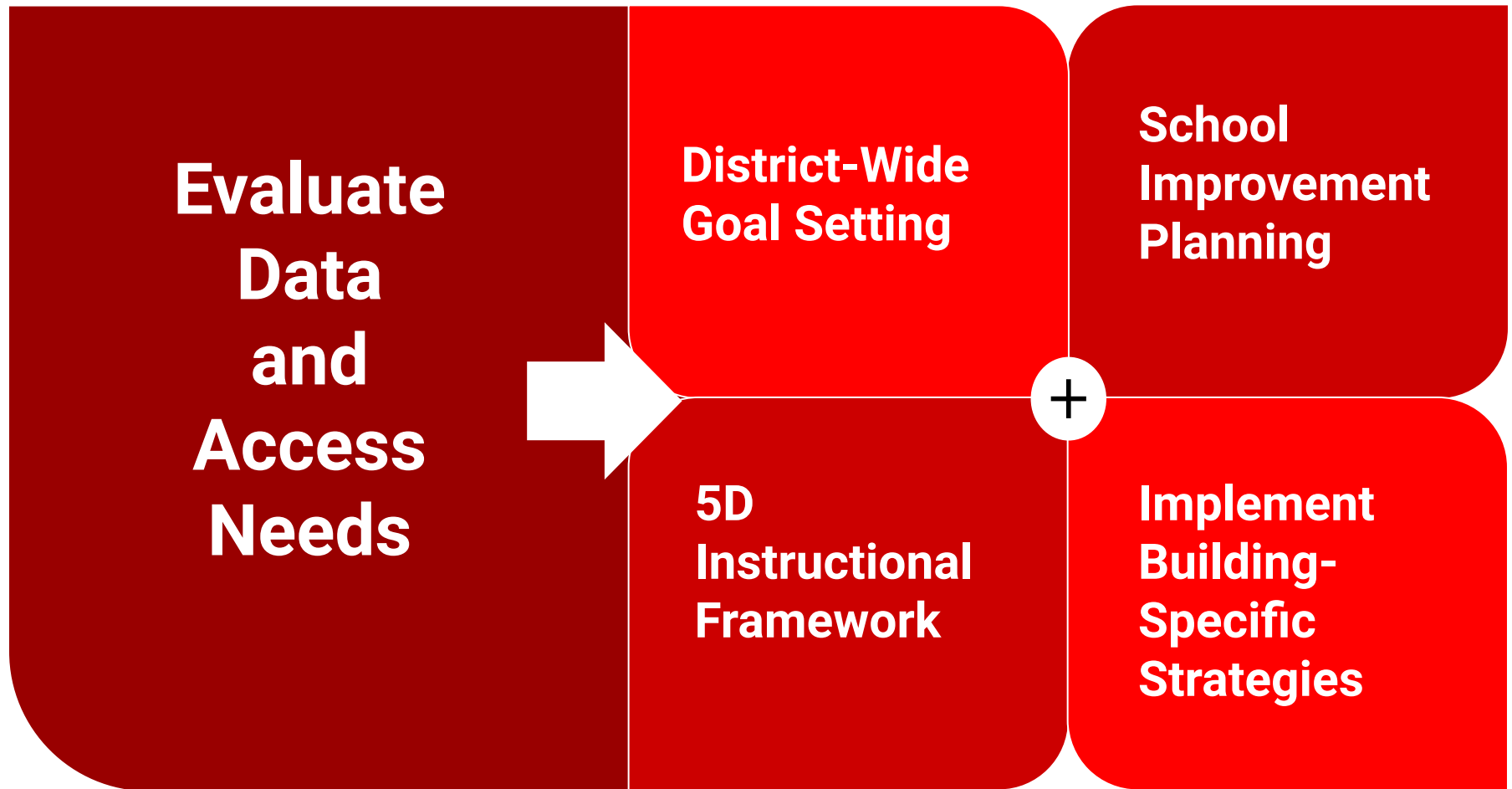
Professional Development & Training

- **PowerSchool & Performance Matters** → Direct training for key staff members and online training for all staff

- **Instructional Coaching** → Job-embedded professional development with district support that includes data collection, analysis, and action plan development

Stillwater AREA PUBLIC SCHOOLS

- **Standards-Based Alignment of Curriculum, Instruction, & Assessment** → center standards in instructional decision making

- **Professional Learning Communities** (PLCs) → strengthen data-driven PLCs to accelerate progress and performance through collaborative efforts

- **Instructional coaching** → strengthen and deepen coaching within and across schools

- **Academic calendar** → include seasonal data analysis and action planning days

- **PowerSchool suite implementation** → integrate technology resources to effectively support the curriculum, instruction, & assessment

Stillwater
AREA PUBLIC SCHOOLS

Using Data For Decision-Making

Evaluate Data and Access Needs → **District-Wide Goal Setting**

School Improvement Planning

5D Instructional Framework

\+

Implement Building-Specific Strategies

Thank You!