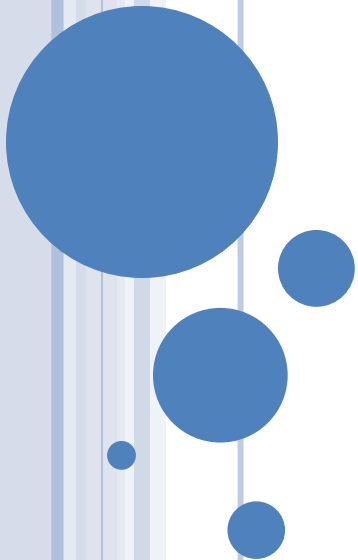


SOL Testing

Matthew Maury Elementary School

April 8th, 2019

Every Student Succeeds



TONIGHT'S OBJECTIVES & ESSENTIAL QUESTIONS

Objective: Parents and students will receive important resources and information about the upcoming SOLs.

Essential Question: How can parents help prepare their child for the upcoming SOLs and alleviate stress and anxiety related to high stakes testing?



WHAT IS THE PURPOSE OF SOL TESTING?

- Inform parents and communities about whether students— as individuals and collectively— are meeting the state expectations for achievement in English, Mathematics, Science, and History.
- Allow the state Board of Education to identify schools that need assistance and support.
- Provide an objective means for measuring achievement gaps between student subgroups and for determining the progress of schools, divisions, and the state towards closing these gaps.



A REVISED VISION OF ACCOUNTABILITY

Main Principles:

1. Provide **comprehensive** picture of school quality
2. Drive **continuous improvement** for all schools
3. Recognize **student growth** towards proficiency
4. Build on strengths and **address gaps and unintended outcomes** in current system
5. Inform areas of VDOE technical assistance and use of school improvement resources



OVERVIEW OF INDICATORS

- Overall proficiency and growth in **English** reading/writing achievement
- Overall proficiency and growth in **mathematics**
- Overall proficiency in **science**
- English and mathematics **achievement gaps** among student groups
- **Chronic Absenteeism**



SCHOOL QUALITY INDICATOR PERFORMANCE LEVELS

*New system uses a “stoplight” approach
to indicate performance levels within indicators.*

Level I : At or Above Standard

Level II: Near Standard or Improving

Level III: Below Standard



ACCREDITATION INDICATORS & BENCHMARKS

Indicator	Level One	Level Two	Level Three
English Combined Rate	At least 75% OR 10% decrease in failure if previously Level Two	66-74% OR 10% reduction in failure if previous rate 50-65%	65% or lower OR Level Two for more than four consecutive years
Math Combined Rate (Elementary and Middle)	At least 70% OR 10% decrease in failure if previously Level Two	66-69% OR 10% reduction in failure if previous rate 50-65%	65% or lower OR Level Two for more than four consecutive years
Math Pass Rate (High Schools)	At least 70% OR 10% decrease in failure if previously Level Two	66-69% OR 10% reduction in failure if previous rate 50-65%	65% or lower OR Level Two for more than four consecutive years
Science Pass Rate	At least 70% OR 10% decrease in failure if previously Level Two	66-69% OR 10% reduction in failure if previous rate 50-65%	65% or lower OR Level Two for more than four consecutive years



ACCREDITATION INDICATORS & BENCHMARKS

School Quality Indicators: Achievement Gaps

Indicator	Level One	Level Two	Level Three
English Achievement Gaps	No more than one student group at Level Two in English	Two or more student groups at Level Two in English; no more than one at Level Three	Two or more student groups at Level Three in English
Math Achievement Gaps	No more than one student group at Level Two in Math	Two or more student groups at Level Two in Math; no more than one at Level Three	Two or more student groups at Level Three in Math

School Quality Indicators: Chronic Absenteeism

Indicator	Level One	Level Two	Level Three
Chronic Absenteeism	0-15% OR 10% decrease if previously Level Two	16-24% OR 10% decrease if previously Level Three	25% or higher OR Level Two for more than four consecutive years



STUDENT GROWTH - ENGLISH

Students may be considered passing if:

- Students passed current year SOL
- Or
- Students who showed growth from previous year's SOL (excluding high school)
- Or
- Students who made progress toward English proficiency

SAMPLE School Quality Indicator: English Elementary and Middle Schools

10 students take assessment:



With the following results:



6 Students Pass
(blue)

4 Students Fail
2 Show Growth (orange)
1 English Learner Shows Progress (purple)
1 Shows No Growth (pink)

To determine the combined rate:

Add together the number of students who passed
AND the number of students who showed growth
AND the number of English Learners who showed progress

[6 Pass (blue) + 2 Shows Growth (orange) + 1 English Learner Shows Progress (purple) = 9]

$$\begin{array}{c} \text{6 Pass (blue)} + \text{2 Shows Growth (orange)} + \text{1 English Learner Shows Progress (purple)} = \mathbf{9} \\ \hline \text{10 Total Test Takers} = \mathbf{10} \end{array}$$

THEN

Divide by total number of test takers (10)

Which Yields: 90% Combined Rate

STUDENT GROWTH - MATH

Students may be considered passing if:

- Students passed current year SOL
- Or
- Students who showed growth from previous year's SOL (excluding high school)

SAMPLE School Quality Indicator: Mathematics Elementary and Middle Schools

10 students take assessment:



With the following results:



6 Students Pass
(blue)

4 Students Fail
3 Show Growth (orange) &
1 Shows No Growth (pink)

To determine the combined rate:

Add together the number of students who passed
AND the number of students who showed growth

$$[6 \text{ Pass (blue)} + 3 \text{ Show Growth (orange)} = 9]$$

$$\begin{array}{r} \text{Six blue icons} + \text{Three orange icons} = 9 \\ \hline \text{Ten black icons} = 10 \end{array}$$

THEN

Divide by total number of test takers (10)

Which Yields: 90% Combined Rate

HOW IS “ENOUGH” SOL GROWTH DETERMINED?

- For SOL tests at the elementary and middle school levels, VDOE will use SOL Progress Tables.

Math SOL Progress Table

Test	Below Basic		Basic	
	Low	High	Low	High
Grade 3	0-305	306-330	331-365	366-399
Grade 4	0-310	311-330	331-369	370-399
Grade 5	0-312	313-335	336-370	371-399
Grade 6	0-331	332-349	350-377	378-399
Grade 7	0-303	304-328	329-367	368-399
Grade 8	0-323	324-340	341-376	377-399

- For example, using this table, a student who scored 300 on the grade 3 Math SOL would show growth by scoring 311 or more on the grade 4 Math SOL.



APPLICATION OF PERFORMANCE LEVELS TO OVERALL SCHOOL RATING

Accredited

- When each school quality indicator is in the Level I (**Green**) range or Level II (**Yellow**) range.

Accredited with Conditions

- When a school has any school quality indicator in the Level III (**Red**) range.

Accreditation Denied

- When a school or school division fails to implement school division or school corrective action plans according to planned timelines, or has taken no action on identified strategies and interventions, the school is reviewed for potential designation by the board as “Accreditation Denied.”
- The Board shall deny accreditation for any school that continues to demonstrate Level Three (**Red**) performance levels in any school quality indicator due to a failure to implement actions prescribed in a corrective action plan.



WHO TAKES THE SOLs?

- **Third Grade Students-** Reading, Math
- **Fourth Grade Students-** Reading, Math, Virginia Studies
- **Fifth Grade Students-** Reading, Math, Science



TAG TESTING

- TAG Reading 4th & 5th graders will take their respective grade reading SOL.
- TAG Math 4th graders will take the 5th grade math SOL.
- TAG Math 5th graders will take the 6th grade math SOL.



WHAT IS COMPUTER ADAPTIVE TESTING (CAT)?

- Customized for every student based on how the student responds to the test questions
- Reduces number of test items while increasing student focus and engagement
- Students who take online grades 3-8 mathematics and grades 3-8 reading tests will be administered a computer adaptive version of the Standards of Learning (SOL) tests.



TESTING PROCEDURES

- Specific SOL testing dates will be communicated once finalized by the Department of Accountability. Testing window opens May 14.
- Reading and Math* tests will be administered over two days. Science and Social Studies tests will be administered in one day. Grade 5 and 6 Math also elected for one-day testing.
- SOLs are not timed.
- Reading and Math tests will be in the CAT format.
- The number of questions on each test can be found on the SOL test blueprint.
- Students who score between 375-399 and have parent permission will be eligible for expedited retakes.



SUGGESTIONS FOR PARENTS

While the SOLs are important assessments that serve many purposes, it is essential to remember that they are only one measure of student achievement and understanding. Please help us increase students' chance of success and minimize their test anxiety by:

- Encourage your child to try their best, take their time, and utilize the strategies they have been taught.
- Set aside time at home to practice the skills outlined in the curriculum standards.
- Ensure that your child eats breakfast on testing days, whether it be at home or here at school.
- Ensure that your child gets adequate sleep during the testing window.



RESOURCES

Visit the **Virginia Department of Education** website for more information regarding SOL testing, including:

- Curriculum Standards by grade level and subject
- Test Blueprints
- Released practice items, including Technology Enhanced Items
- Scoring
- Test Accommodations
- Frequently Asked Questions



Thank you for joining us tonight!

Parents, we appreciate all of your support!

Questions:

Rebecca Pittman

rebecca.pittman@acps.k12.va.us

