School Improvement Plan

Stafford County Public Schools

Prepared to Excel

Term:	**2022-2023 Academic Year**
School:	**A.G. Wright Middle**
Principal:	**Carly Hegna (CI Leader)**
School Improvement Team:	Shari Fox (A.P. and Meeting Facilitator) Jasmin Guadalupe (A.P.) Jessica Hall (Math Specialist and Data Recorder) Kyle Oltman and Mariana Latham (Science Co-Leads) Diaz-Castillo, Julie (English Lead and Notetaker) Valarie Raven (Student Services Designee) Helen Strickler (Math Lead), Carol Korth (Science Teacher)
School Vision Statement:	A school which provides focused, dedicated, and appropriately staffed academic programs for enrichment and remediation. A school where collaboration among educators occurs regularly to discuss curriculum topics and successful problem-solving strategies to better engage our students in order to promote and generate higher levels of student success within all classrooms. A school that utilizes the writing process to develop and strengthen written language across the curriculum. A school that challenges students to solve rigorous mathematical tasks within a collaborative environment. Students will apply mathematical concepts to sustain lifelong numeracy skills. A school that challenges students and staff to utilize current trends in technology to benefit all students. A school that offers equal opportunities to all of its citizens, by creating the conditions necessary for all students to learn the skills, knowledge, and values that will empower them towards a successful future. A school where the fundamentals of good citizenship and service-learning are modeled, taught, fostered, and recognized.

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School Mission Statement: Andrew G. Wright Middle School staff will ensure the social, emotional, and academic success of every child.

Community Meeting Schedule:
(At least quarterly)

October 6, 2022 at 6:00 PM
December 15, 2022 at 6:00 PM
March 9, 2023 at 6:00 PM
May 18, 2023 at 6:00 PM

URL Posted to School Website:

https://www.staffordschools.net/Domain/30

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WHY?

Our students and teachers deserve schools where everyone is welcome, seen, heard, and included. Our families deserve schools that inspire and empower our students to grow into productive adults, prepared to excel in life after high school. In order to do that we need to get better.

HOW?

Getting better is not easy; however, when done correctly, small and incremental changes can have a big impact. Stafford's school improvement methodology is based on the Improvement Science and PDSA cycles. The idea of PDSA cycle (or Plan, Do, Study, Act) is not new and comes from W. Edwards Deming (1993), but has its roots dating back to early iterations of the Scientific Method and Galileo Galilei in the 1600s. Stafford County Public Schools has chosen to endorse this methodology because it works.

WHAT & WHEN & WHO?

Based on data collected from a previous term and areas in need of improvement are identified. A guiding coalition sets targets identify metrics and create strategies to address and monitor the area in need of improvement. In short cycles (~45 days), strategies and data are reviewed and modified, as needed. Each year, the process repeats.

OUR GOALS IN STAFFORD

Future Ready

Academic Excellence

Safe, Engaging & Welcoming

Supported Staff

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Stafford County Public Schools	Committed to Continuous Improvement	FORM 2-1
Inspire | *Empower* | *Excel*	Plan - Do - Study - Act	Strategic Objective Action Plan DUE: July 1, 2022

STEP 1: Needs Assessment; Root Cause Analysis (See Resources & Tools)

STRENGTHS	CONCERNS
Algebra pass rate of 91%	52% overall pass rate on the Math SOL
Geometry pass rate of 97%	58% overall pass rate on the Writing SOL
Between 2019 and 2022 our students with disabilities have increased their pass rate by 18% on the English SOL	62% overall pass rate on the Civics and Economics SOL
Overall reading pass rate for 7th grade increased by 5% since 2020-2021	64% overall pass rate on the Science SOL
Our students with disabilities improved their overall growth on every SOL. The growth sum for their overall scores equates to a 54% percent increase since last year.	69% overall pass rate on the English SOL

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Schools will have <u>at least</u> one overarching <u>measurable</u> goal dedicated to student achievement. Additional goals are optional. Goals can be focused on enhancing strengths or addressing concerns. Each goal may have multiple objectives or targets along with numerous corresponding strategies. (Pro Tip: To have more than one goal, schools may duplicate this document, pages.)

STEP 2: PLAN, DO

Goal Statement *(Written as a SMART goal)*	In the 2022-2023 school year, A.G. Wright's overall math combined scores on the SOL will improve by 18%, bringing us to an overall pass rate of 70%. Click here to see our Fishbone Diagram for this goal			
	PLAN			**DO**
TARGET *What objective are you trying to accomplish?*	**BASELINE DATA** *How do you know this is an area in need of improvement?*	**METRIC/TIMELINE** *How will you measure this improvement?*	**RESPONSIBILITY** *Who will manage this effort?*	**STRATEGIES/TACTICS** *How will you meet this target and accomplish your goal? How do you know that this strategy or tactic is effective (cite source)?*

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Between the fall and winter of 2022, the total percentage of students making adequate growth will increase by at least 8% in 6th, 7th, and 8th-grade math. **By the spring of 2023, all students in 6th, 7th, and 8th-grade math courses (to include grade 6 and 7 extended courses) will perform at or above grade level on the MAP assessment.**	**Between the fall and winter of 2021-2022, the total percentage of students making adequate growth was -4.1%.** **In the spring of 2022, the following percentage of students in each grade level performed at or above grade level on the MAP assessment;** **6th Grade - 57.9%** **7th Grade - 51.4%** **8th Grade - 47.4%** **(these scores do not include algebra and geometry students)** **In 2021-2022, the overall math pass rate on the SOL for Math 6 was 39%, Math 7 was 45%, and Math 8 was 37%.**	MAP Accelerator results will be analyzed weekly by the math specialist and results will be shared with PLCs and administration	Administration Math Specialist County Math Coordinator's strand analysis and data graphs will be heavily utilized 6th, 7th, and 8th Grade Math Teachers All instructional staff will be responsible for ensuring students are actively participating in the MAP Accelerator program during Tiger Time.	In August, January and May, all math teachers will participate in professional development to analyze and evaluate their students' MAP test results (Boudette, 2015, p. 81) Analyze and evaluate math strand results to identify areas of concern. (Boudette, 2015, p. 81) Create and implement units that utilize math workshop instruction to address identified areas of concern with Tier 1 instruction (International Journal of Instruction). PLCs will provide Tier 2 instruction by analyzing common assessment results (Taking Action: A Handbook for RTI at Work) Students who do not meet the standard will be provided remediation in Tiger Time and/or with the Math Specialist (Taking Action: A Handbook for RTI at Work) MAP accelerator (a computer program that utilizes MAP results and provides instruction specific to individual student needs) will

				be implemented twice per week during Tiger Time. Teachers will actively engage with students and provide support and encouragement. The math specialist will analyze student growth and progress and utilize the data to identify students in need of additional intervention ([Learning Gets Personal - Khan Academy](#)). All students in Math 6, 7, and 8 classes will show their work, and teachers will require students put pencil to paper during instructional time ([Study shows stronger brain activity after writing on paper than on tablet or smartphone](#)). Grade Level Teams will analyze and evaluate report card grades, share strategies that work for specific students, formulate a plan for success, contact parents for support, and review progress quarterly ([This We Believe: Keys to Educating Young Adolescents](#)).

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Plan - Do - Study - Act

FORM 3-1

Strategic Objective Action Plan

DUE: October 6, 2022

Goal Statement *(Written as a SMART goal)*		STUDY	ACT
TARGET *What objective are you trying to accomplish?*	**DATA DIVE** *What performance data did you observe?*		**CHANGES** *Based on the performance data that you observed, what changes (if any) do you intend on making? When will these changes be implemented and how?*
<<different target 1 for this goal>> (copied from previous page)			
<<different target 2 for this goal>> (copied from previous page)			
<<different target 3 for this goal>> (copied from previous page)			

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Stafford County Public Schools *Inspire* | *Empower* | *Excel*	Committed to Continuous Improvement Plan - Do - Study - Act	FORM 3-2 Strategic Objective Action Plan **DUE: December 20, 2022**

Goal Statement *(Written as a SMART goal)*		

	STUDY	ACT
TARGET *What objective are you trying to accomplish?*	**DATA DIVE** *What performance data did you observe?*	**CHANGES** *Based on the performance data that you observed, what changes (if any) do you intend on making? When will these changes be implemented and how?*
<<different target 1 for this goal>> **(copied from previous page)**		
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(Written as a SMART goal)

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Plan - Do - Study - Act

FORM 4-1

Strategic Objective Action Plan
DUE: May 30, 2023

Goal Statement
(Written as a SMART goal)

	SUMMARY		PLAN - 2
TARGET *What objective are you trying to accomplish?*	**DATA DIVE** *What performance data did you observe? Was your goal accomplished?*		**CHANGES FOR NEXT CYCLE** *Based on your performance during the last school year, what changes do you intend on incorporating into your next School Improvement Plan?*
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<<different target 2 for this goal>> **(copied from previous page)**			
<<different target 3 for this goal>> **(copied from previous page)**			

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Resources & Tools

Resources for the Plan-Do-Study-Act Process:

- **Continuous Improvement in Education: A Toolkit for Schools and Divisions. National Institute of Education Sciences. 2020. https://ies.ed.gov/ncee/edlabs/regions/northeast/pdf/REL_2021014.pdf**

Resources for Building Logic Models:

- **Logic Model Development Guide. W. K. Kellogg Foundation. 2006. https://wkkf.issuelab.org/resource/logic-model-development-guide.html**

Resources for Root Cause Analysis:

- **Fishbone Diagram:**
    - **Institute for Education Sciences Segment on the Fishbone Diagram: https://youtu.be/OCqn5WEaOPk**
- **Fishbone Diagram Sample**

Cited Sources –

Boudett, Kathryn Parker, et al. Data Wise: A Step-by-Step Guide to Using Assessment Results to Improve Teaching and Learning. Harvard Education Press, 2015.

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