



MCKISSICK ACADEMY OF SCIENCE AND TECHNOLOGY REPORT TO PARENTS AND COMMUNITY

VISION

TO BECOME A STEM MODEL OF EDUCATIONAL EXCELLENCE FOR THE DISTRICT, STATE, AND NATION.

MISSION

TO INTENTIONALLY PURSUE STEM EXCELLENCE BY BECOMING SOLUTION SEEKERS WHO SOLVE REAL-WORLD PROBLEMS THROUGH THE ENGINEERING DESIGN PROCESS.

BELIEFS

MOTIVATING EXCELLENCE
ACTIVATING INNOVATION
SUPPORTING OTHERS
TRANSFORMING FUTURES

WHAT ARE OUR STEPS TO MAKING MAST THE BEST IN NATION?



DEMOGRAPHICS 24-25

TOTAL PREK-5TH STUDENTS 520
TITLE I FAMILIES IN POVERTY-75.4%
SCHOOL CHOICE STUDENTS-277
STAFF-FAMILY OF 73



CELEBRATIONS

2024 SC SCHOOL REPORT CARD RATING - GOOD
2024 - NATIONAL CERTIFIED MAGNET SCHOOL-MAGNET SCHOOLS OF AMERICA
2024 - PROJECT LEAD THE WAY SCHOOL OF DISTINCTION
2024 - COGNIA STEM ACCREDITED SCHOOL



STEM IMPLEMENTATION GUIDE

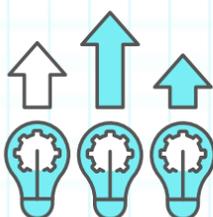
MAST STEM Implementation			
THREE PILLARS			
Engineering	Design/Process	Application	Knowledge
Computation	Location	Integration	Grade
PLTW	Shark Tank	3 Modules a Year	PLTW Distinguish School
PBL	Shark Tank and classrooms	Minimum of 30 year	1 in a school
Future Perfect STEA	Classrooms	40 year (4th week)	Integrate STEM into Literacy
Engineering in Literacy	Shark Tank and classrooms	40 year	Engaging students to be critical thinkers

GOALS

1. ENSURE CONTINUOUS IMPROVEMENT IN ACADEMIC ACHIEVEMENT FOR ALL STUDENTS AS MEASURED BY SC READY AND IMPLEMENT BEST PRACTICES SUCH AS: UDL, LETRS, AND PLTW.
2. PROVIDE QUALITY AND ON-GOING DATA ANALYSIS PROFESSIONAL DEVELOPMENT, TECHNOLOGY INTEGRATION, AND SUPPORT SERVICES.
3. ENSURE ALIGNMENT TO: BOARD, SUPERINTENDENT, AND DISTRICT GOALS, THE MTSS INSTRUCTION/ INTERVENTION MODEL, THE MSA 5 PILLARS AND STANDARDS, THE COGNIA STEM STANDARDS, AND THE 9 DIMENSIONS FOR SUPPORTING POWERFUL STEM LEARNING.
4. CREATE A MAST BRANDING AND MARKETING PROGRAM THAT REFLECTS THE QUALITY AND VALUES THAT MAST DELIVERS TO ITS STUDENTS, FAMILIES, AND COMMUNITY.
5. PROVIDE A STEM, PBL, MAKERSPACE AND LITERACY INNOVATION HUB THAT ALLOWS STUDENTS AND STAFF TO LEARN, EXPLORE, COLLABORATE, CREATE, TEACH, AND PROBLEM-SOLVE TOGETHER IN COLLABORATION WITH THE SHARK TANK, CODING CORNER, AND LIBRARY.
6. CREATE A PEOPLE-FOCUSED SUPPORTIVE CULTURE THROUGH RESPONSIVE CLASSROOM TO DEVELOP THE WHOLE CHILD.



COMMUNITY PARTNERS



ACADEMIC GOALS

Our 2024 Achievement Rates:
In grades 3-5, 65.7% of our students have met or exceeded on SC READY READING.
In grades 3-5, 57.3% of our students have met or exceeded on SC READY MATH.

Our 2024 Goals:
In grades 3-5, 67.5% of our students will meet or exceed on SC READY READING.
In grades 3-5, 60% of our students will meet or exceed on SC READY MATH.