



**George Washington
Carver Academy**

14510 Second Avenue • Highland Park, MI 48203
Tel. (313) 865-6024 • Fax (313) 865-6658

EDUCATIONAL GOALS

George Washington Carver Academy promotes the continuous use of individual student data (such as; formative, interim, and summative) to inform and differentiate instruction to meet individual student needs. Academic goals driven by data are reviewed and evaluated to both State standardized tests and internal Scantron Performance (**moving forward we will be utilizing NWEA**) and Achievement assessments guide our data-based implementation efforts.

The School Improvement Team will take an active role in this process. It will meet weekly to disaggregate assessment data (standardized test scores); note if the goals are being taught and student's needs are being met, and address any issues brought before the team. The team identifies and budgets for additional materials to be used and/or additional personnel to be hired in connection with meeting core curriculum goals. Recommendations and changes are presented to the Board on an ongoing basis.

Goal Area: ELA READING

Gap Statement:

All students have not mastered comprehension, word study, narrative text, informational text and critical thinking skills in English Language Arts in grades K-8.

Measurable Objectives to Support Goal:

For the 2016-17 school year all students will meet or exceed achievement standards in English Language Arts as assessed utilizing the Statewide Standardizes test assessment (M-Step).

- **Strategy 1:**

Leveled Reading Books will be used by students for grades K-8 to assist with reading fluency and reading comprehension at the varied reading levels.

- **Strategy 2:**

Teachers will use the STAR pre and post-tests as alternative assessment and diagnostic tool to individualize student instruction and note growth over a year.

- **Strategy 3:**

Teachers will utilize reading skills in all content areas. All teachers will use computers, Smart Boards and Elmo's to enhance students' reading skills. Teachers will use the Internet as a resource to extend reading through technology. Teachers will utilize Kidspiration/Inspiration to assist with writing. Teachers will utilize the Internet to reinforce areas of writing and technology. Teachers will provide tutoring in after school programs. Teachers will provide reading activities for all students. Teachers will provide cross-curricular writing assignments based on the 6 Plus 1 writing traits. Teachers will attend workshops focused on reading skills, reading comprehension, word study, narrative text, informational text and writing. Instructional aides will directly assist students under the supervision of the teacher. The Intervention Specialist will meet with students, parents and staff as necessary to assist students toward academic and social success. Parent workshops will be provided to increase parent knowledge in helping their child succeed in school. **The Oakland Scope** program is used to aid teachers in differentiating instruction for various student learning levels and abilities. A teacher incentive program will be implemented to reward student achievement.

- **Strategy 4:**

Teachers will provide student planners for all students to assist with ELA assignments, to assist with tracking reading logs and communication between home and school.

- **Strategy 5:**

Teachers will use the Accelerated Readers in grades K-8 to supplement reading instruction. After administering the STAR Pre and Post Reading tests students are given their zone of proximal development (reading level). Leveled Accelerated Reader (AR) Books are chosen based upon their reading levels. All AR Books are coded with reading level and points to determine degree of difficulty. After reading an AR Book students take a nationally computerized test on comprehension of the book. Students must score in the 80% for a minimum of 3 books before being allowed to move up a reading level. The goal is for every student K-8 to read 40 AR Books in their zone of proximal development for the 2016-17 year and pass the comprehension test by 80%. This will build word count, fluency and comprehension skills.

- **Strategy 6:**

Teachers in grade levels will share laptop computers to assist with the technology computerized reading program (Reading Renaissance/Accelerated Reader), writing program (Kidspiration/Inspiration), and the additional core subjects (Study Island).

- **Strategy 7:**

Teachers will utilize weekly grade level content meetings with administration to monitor all students' progress and implement differentiated instruction to assess all students' needs.

- **Strategy 8:**

Teachers will provide homework club once a week for an hour throughout the year to assist students experiencing difficulty with reading and writing skills.

Goal Area: MATH

Gap Statement:

All students will increase Math proficiency in grades K-8.

Measurable Objectives to Support Goal:

For the 2016-17 school year all students will meet or exceed achievement standards in Math.

- **Strategy 1:**

Teachers will receive professional development on Best Practices to be used for assisting with math instruction throughout the year.

- **Strategy 2:**

Teachers will use the STAR Math Pre and Post Tests as alternative measures of assessments and data analysis to determine individualized student instruction.

- **Strategy 3:**

Teachers will use math materials, such as math manipulatives and calculators. Teachers will display and use identified Math vocabulary. Teachers will provide after school tutoring. Teachers will use the Internet as a resource to extend learning. Teachers will receive training in the use of the Accelerated Math program to enhance math instruction. Instructional aids will directly assist students under the supervision of the teacher. The Intervention Specialist will meet with students, parents and staff as necessary to assist students toward academic and social success. Parent workshops will be provided to increase parent knowledge in helping their child succeed in school. The Curriculum Crafter program is used to aid teachers in differentiating instruction for various student learning levels and abilities. A teacher incentive program will be implemented to reward student achievement.

- **Strategy 4:**

Teachers will utilize the Internet to assist with math skills and reinforce math instruction through use of Study Island technology program.

- **Strategy 5:**

Teachers will use manipulatives such as calculators, graphs, rulers, etc. to assist with understanding math concepts.

Goal area: SCIENCE

Gap Statement:

All students will master Science in grades K-8.

Measurable Objectives Statement to Support Goal:

For the 2016-17 school year all students will meet or exceed achievement standards in Science as assessed by local norm and criterion-referenced assessment.

- **Strategy 1:**

Teachers will attend workshops and have consultants and coaches to assist with understanding, presenting and assessing science.

- **Strategy 2:**

The school will purchase science manipulatives to assist with understanding science and instruction. Materials include balances, weights, scales, etc.

- **Strategy 3:**

The following strategies and evaluations will be used specifically for low and moderate achieving students: Teachers will use science manipulatives and materials to reinforce investigations. Teachers will use technology to enhance students' science and technology skills. Teachers will disaggregate and use identified vocabulary words across the curriculum. Teachers will provide students with science assignments based on data. Teachers will provide after school tutoring to assist with an understanding of science. Teachers will attend an in-service on best practices for science. Instructional aids will directly assist students under the supervision of the teacher. The Academic Intervention Specialist will meet with students, parents and staff as necessary to assist students toward academic and social success. Parent workshops will be provided to increase parent knowledge in helping their child succeed. **The Oakland Scope Curriculum** will be utilized to aid teachers in differentiating instruction for various student learning levels and abilities. A teacher incentive program will be implemented to reward student achievement.

- **Strategy 4:**

Teachers will use Study Island as a technology reinforcement program to assist with reinforcing understanding science concepts. The technology program is available to students 24 hours a day, 7 days a week, 365 days a year from anywhere where there is Internet access. Parents and students are encouraged to work on this program together at home as well.

Goal area: SOCIAL STUDIES

Gap Statement:

All students will master Social Studies in grades K-8.

Measurable Objectives to Support Goal:

For the 2016-17 school year all students will meet or exceed achievement standards in Social Studies as assessed by local norm and criterion-referenced assessments.

- **Strategy 1:**

Teachers will attend professional development and attend workshops to gain a better understanding of the social studies curriculum. Teachers will use this information to better assist students with achieving success in social studies.

- **Strategy 2:**

Transition program for 8th grade students will provide real world opportunities for 8th grade students in career exploration, decision-making and problem solving as it relates to the core democratic values.

- **Strategy 3:**

Teachers will provide social studies and history tutorial after school. Teachers will use the Internet to extend learning. Teachers will receive professional development to enhance social studies and history instruction. Instructional aids will directly assist students under the supervision of the teacher. The Intervention Specialist will meet with students, parents and staff as necessary to assist students toward academic and social success. Parent workshops will be provided to increase parent knowledge in helping their child succeed in school. **The Oakland Scope Curriculum** is used to aid teachers in differentiating instruction for various student learning levels and abilities. A teacher incentive program will be implemented to reward student achievement.

- **Strategy 4:**

Teachers will use Study Island to assist with supplementing social studies thru an online program. Study Island is available 7 days a week, 24 hours a day, 365 days a year from anywhere where the student has access to the Internet. Students are given a pin number, and the program can be used at home. Parents are encouraged to assist their child.