|  |  |  |
| --- | --- | --- |
| **Date:** | 12-1-2019 |  |
| **Time:** | 14:21:46 |  |
| **Education Technology Plan** | | |
| **Submitted User ID:** | JLARRY | **SCHOOL YEAR:** 2019 - 2022 |

**DISTRICT:** 096-111 Riverview Gardens

|  |  |
| --- | --- |
| **Mission Statement:** | District Vision Statement  The Riverview Gardens School District, along with families and the community, nurtures academic excellence in all students, preparing them to be college and career ready in an ever- changing society.  **District Mission Statement**  The Riverview Gardens School District creates a community of learners equipped to be competitors in a global society and leaders demonstrating social and civic responsibility.. |
|  | DATA FINDINGS: (CSIP)  40+ % of students performed in the Basic category on the ELA MAP Test  55% of District students performed below Basic on Math MAP test  Less than 30% of the District 1st - 5th graders are reading on or above grade level  Less than 12% of District’s 6th - 8th grade students are reading on or above grade level  At the High School, approximately 30% of students 9th - 11th grade and 38% of 12 grade students are reading at or above grade level |

1. **Goal:** Develop and enhance quality of educational/instructional programs to improve performance and enable students to meet their personal, academic, and career goals.

## Objective: By spring 2021, the District will increase the Missouri Performance Index (MPI) in each core area as measured by the Annual Performance Report calculation: ELA from 241 to 263; Math from 182.6 to 195 and Science from 204.1 to 225.

**MSIP Standard:** 6.2,6.4

### Progress Measure:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School Year** | **Baseline** | **Progress** | **Target** | **Target Met** |
| 2019 - 2020 | 75% |  |  | NO |
| 2020 - 2021 |  | 85% |  | N/A |
| 2021 - 2022 |  | 100% |  | N/A |

**Comments:**

1. **Strategy:** Instructional Coaches/Admin staff will participate in Student-Centered Coaching

**MSIP Standard:** 6.2,6.4

**Persons Responsible:** Principals, Instructional Coaches, Curriculum & Instruction

**Funding Source Name:** Local Funds, Basic Formula - State Monies

**Date to Implement Strategy:** 08/01/2020

**Date of Completion:** 06/20/2022

1. **Objective:** By the spring 2021, the District will increase the percentage of students reading at or above grade level by 10% as measured by Fountas and Pinnell (F&P) Reading Assessment and the Renaissance Star 360 Benchmark Assessment.

**MSIP Standard:** 6.2,6.4

### Progress Measure:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School Year** | **Baseline** | **Progress** | **Target** | **Target Met** |
| 2019 - 2020 | 80% |  |  | NO |
| 2020 - 2021 |  | 95% |  | N/A |
| 2021 - 2022 |  |  | 100% | N/A |

**Comments:**

1. **Strategy:** Reading specialists in each school will provide supplemental instruction to identified students.

**MSIP Standard:** 6.2,6.4

**Persons Responsible:** Curriculum & Instruction, Reading specialists

**Funding Source Name:** Local Funds **Date to Implement Strategy:** 08/1/2019 **Date of Completion:** 06/30/2021

* 1. **Action Step:** The Comprehensive Literacy Model will be used.

**Date To Implement Action Step:** 08/01/2019

**Date of Completion:** 06/30/2022

* 1. **Action Step: The Response to Intervention (RTI) will be used.**

**Date To Implement Action Step:** 08/01/2019

**Date of Completion:** 06/30/2022

* 1. **Action Step: Librarians will support the Comprehensive Literacy Model.**

**Date To Implement Action Step:** 08/01/2019

**Date of Completion:** 06/30/2022

## **Action Step:** Ensure that current versions of instructional software are maintained throughout the District

**Date To Implement Action Step:** 08/01/2019

**Date of Completion:** 06/30/2022

3. **Objective:** By spring of 2021, the percentage of teachers applying research- based instructional strategies will increase by 30% as compared to the previous year’s baselines as measured by kick up. .

# MSIP Standard: 6.4 Progress Measure:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School Year** | **Baseline** | **Progress** | **Target** | **Target Met** |
| 2019 – 2020 | 85% |  |  | NO |
| 2020 - 2021 |  | 95% |  | N/A |
| 2021 - 2022 |  |  | 100% | N/A |

### Comments:

1. **Strategy:** The District will conduct Instructional Rounds.

# MSIP Standard: 6.4

**Persons Responsible:** Curriculum and Instruction, Principals, Instructional Coaches

**Funding Source Name:** Local Funds

**Date to Implement Strategy:** 08/01/2019

**Date of Completion:** 06/30/2021

* 1. **Action Step:** Provide Professional Development on Google and the Best teaching Practices.
  2. **Date To Implement Action Step:** 08/01/2020

**Date of Completion:** 06/30/2022

* 1. **Action Step:** Direct resources necessary to provide Teacher Mentor Program.

**Date To Implement Action Step:** 08/01/2019

**Date of Completion:** 06/30/2022

* 1. **Action Step: Begin a team Assistance Program.**

**Date To Implement Action Step:** 08/01/2019

**Date of Completion:** 06/30/2021

## **Action Step:** Provide Professional Development for staff on using Kick up.

**Date To Implement Action Step:** 08/01/2020

**Date of Completion:** 06/30/2021

* 1. **Action Step:** Provide instructional resources and equipment that support curriculum objectives and train staff

in their use

**Date To Implement Action Step:** 08/01/2020

**Date of Completion:** 06/30/2021

## 4. **Objective: By spring 2021, the District will increase the percentage of students performing at or above grade level by 10% in Mathematics as measured by the USA Test Prep Assessment and IXL online tools.**

### MSIP Standard: 6.4 Progress Measure:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School Year** | **Baseline** | **Progress** | **Target** | **Target Met** |
| 2019 - 2020 | 10% |  |  | NO |
| 2020 - 2021 |  | 30 % |  | N/A |
| 2021 - 2022 |  |  | 100% | N/A |

**Comments:**

1. **Strategy:** Provide strategies to Instructional Assistants to provide intervention for scholars

### MSIP Standard: 6.4

**Persons Responsible:** Curriculum and Instruction, Instructional Assistants

**Funding Source Name:GOB**

**Date to Implement Strategy:** 08/01/2019

**Date of Completion:** 06/30/2020

## **Action Step:** Implement the Guided Math PD for teachers.

## **Date To Implement Action Step:** 08/01/2020

**Date of Completion:** 06/30/2021

* 1. **Action Step: Utilize Response to Intervention**

**Date To Implement Action Step:** 08/01/2021

**Date of Completion:** 06/30/2022

* 1. **Action Step:** Provide support for Scholars utilizing online Resources

**Date To Implement Action Step:** 08/01/2021

**Date of Completion:** 06/30/2022

## 5. **Objective: The District will increase the Missouri Performance Index (MPI) in each core area as measured by the Annual Performance Report calculation: ELA from 241 to 263; Math from 182.6 to 195; Science from 204.1 to 225.**

### MSIP Standard: 6.4 Progress Measure:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School Year** | **Baseline** | **Progress** | **Target** | **Target Met** |
| 2019 - 2020 | 50% |  |  | NO |
| 2020 - 2021 |  | 75% |  | N/A |
| 2021 - 2022 |  |  | 100% | N/A |

**Comments:**

1. **Strategy:** Develop and implement a K-12 science resource pilot to support science instruction.

### MSIP Standard: 6.4

**Persons Responsible:** Curriculum and Instruction, Instructional Assistants

**Funding Source Name:** Local Funds

**Date to Implement Strategy:** 08/01/2020

**Date of Completion:** 09/01/21

## **Action Step:** Collaborate around assessment item development which will be used to forge common formative assessments.

## **Date To Implement Action Step:** 08/01/2020

**Date of Completion:** 06/30/2021

* 1. **Action Step:** Articulation of consistent expectations across the District**.**

**Date To Implement Action Step:** 08/01/2021

**Date of Completion:** 06/30/2022

* 1. **Action Step:** Reliable assessment tools.

**Date To Implement Action Step:** 08/01/2021

**Date of Completion:** 06/30/2021

## 4. **Objective: The District will utilize a standard based grading system for Kindergarten through Fifth Grade.**

### MSIP Standard: 6.4 Progress Measure:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School Year** | **Baseline** | **Progress** | **Target** | **Target Met** |
| 2019 - 2020 | 75% |  |  | NO |
| 2020 - 2021 |  | 90% |  | YES |
| 2021 - 2022 |  |  | 100% | N/A |

**Comments:**

1. **Strategy:** The report card committee will collaboratively work to develop a standards based report card aligned to the MLS.

### MSIP Standard: 6.4

**Persons Responsible:** Curriculum and Instruction, Instructional Assistants

**Funding Source Name:** Local Funds

**Date to Implement Strategy:** 08/01/2019

**Date of Completion:** 06/30/2020

## **Action Step:** Sample Report Cards (from previous years)

## **Date To Implement Action Step:** 08/01/2020

**Date of Completion:** 06/30/2021

* 1. **Action Step:** Development of Common Formative Assessments and Rubrics for Grading

**Date To Implement Action Step:** 08/01/2021

**Date of Completion:** 06/30/2022

* 1. **Action Step:** Recommend new standard based report card

**Date To Implement Action Step:** 08/01/2021

**Date of Completion:** 06/30/2022

4. **Action Step**: Professional Development and information for staff on the new report card.

**Date to implement Action Step**: 4/1/2022

**Date of Completion:** 7/1/2022

## 4. **Objective: Students will utilize an Assessment Notebook to monitor their individual learning.**

### MSIP Standard: 6.4 Progress Measure:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School Year** | **Baseline** | **Progress** | **Target** | **Target Met** |
| 2019 - 2020 | 25% |  |  | NO |
| 2020 - 2021 |  |  | 100% | N/A |
| 2021 - 2022 |  |  | 100% | N/A |

**Comments:**

1. **Strategy:** Assessment committee will create a grade specific template for the Student Data Notebook.

### MSIP Standard: 6.4

**Persons Responsible:** Curriculum and Instruction, Assessment committee

**Funding Source Name:** Local Funds

**Date to Implement Strategy:** 08/01/2019

**Date of Completion:** 06/30/2020

## **Action Step:** Set expectations for student, teacher or parent regarding the Assessment Notebook..

## **Date To Implement Action Step:** 08/01/2021

**Date of Completion:** 06/30/2022

* 1. **Action Step:** Collect Benchmark Assessment, Unit Assessments, Common Formative Assessment data

**Date To Implement Action Step:** 08/01/2021

**Date of Completion:** 06/30/2022

* 1. **Action Step:** Identify curriculum standards to be tracked in the Assessment Notebook

**Date To Implement Action Step:** 08/01/2021

**Date of Completion:** 06/30/2022

1. **Goal:** Recruit, attract, develop, and retain highly qualified staff to carry out the District’s vision, and mission and enhance its culture.
   1. **Objective:** To annually provide ongoing technology-focused professional development opportunities at the district level that will enable all RGSD staff to meet the definition of “highly qualified” for their position.

**MSIP Standard:** 6.3, 6.4

### Progress Measure:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School Year** | **Baseline** | **Progress** | **Target** | **Target Met** |
| 2019 - 2020 | 50% |  |  | YES |
| 2020 - 2021 |  | 75% |  | YES |
| 2021 - 2022 |  |  | 100% | N/A |

**Comments:**

1. **Strategy:** .Staff will have access to various types of training.

**MSIP Standard:** 6.3, 6.4, 6.7

**Persons Responsible: HR, PD**

**Funding Source Name:** Local Funds, PD 1%

**Date to Implement Strategy:** 08/01/2019

**Date of Completion:** 06/30/2020

* 1. **Action Step:** Teachers will have access to computer-based training that includes Microsoft Office, Smart, Google, kickup and & Windows.

**Date To Implement Action Step:** 08/01/2021

**Date of Completion:** 06/30/2022

## **Action Step:** Teachers will have access to face to face technology training.

**Date To Implement Action Step:** 08/01/2019

**Date of Completion:** 06/30/2020

* 1. **Action Step:** Utilize Peer Coaching and Train the Trainer Methods.

**Date To Implement Action Step:** 08/01/2020

**Date of Completion:** 06/30/2021

* 1. **Action Step:** Internet Safety training will be offered each year.

**Date To Implement Action Step:** 08/01/2020

**Date of Completion:** 06/30/2022

1. **Objective: Staff** will comply with criteria for classroom implementation of PD as evidenced by data gathered from Instructional Walks.

**MSIP Standard:** 6.4, 6.7 **Progress Measure:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School Year** | **Baseline** | **Progress** | **Target** | **Target Met** |
| 2019 - 2020 |  |  | 100% | YES |
| 2020 - 2021 |  |  | 100% | YES |
| 2021 - 2022 |  |  | 100% | N/A |

### Comments:

1. **Strategy:** Develop criteria for what is to be evaluated during Instructional Walks by administrators.

**MSIP Standard:** 6.4,6.7

**Persons Responsible:** PD, Administrators, Teachers

### Funding Source Name: GOB

**Date to Implement Strategy:** 09/01/2020

**Date of Completion:** 06/30/2021

* 1. **Action Step:** Administrators and PD committee member will develop criteria for Instructional Walk evaluations

**Date To Implement Action Step:** 09/01/2020

**Date of Completion:** 06/30/2020

* 1. **Action Step:** Classroom teachers will receive training on the evaluation criteria for Instructional Walks.

**Date To Implement Action Step:** 08/01/2020

**Date of Completion:** 06/30/2021

## **Action Step:** MSIP, CSIP DOKs, GLE will be examined in Instructional Walks.

**Date To Implement Action Step:** 08/01/2020

**Date of Completion:** 06/30/2021

* 1. **Action Step:** Evaluation and Assessment of Instructional Walks will be shared with staff.

**Date To Implement Action Step:** 08/01/2020

**Date of Completion:** 06/30/2021

## **Action Step:** Teachers will be given opportunities to meet with principals to discuss Instructional Walk results.

**Date To Implement Action Step:** 08/01/2020

**Date of Completion:** 06/30/2021

* 1. **Action Step:** Teachers will have an opportunity to make an Instructional Walk to observe peer teaching strategies.

**Date To Implement Action Step:** 08/01/2020

**Date of Completion:** 06/30/2021

3. **Objective:** To provide a wide variety of technology-focused course offerings based upon the National Technology Standards for Teachers (ISTE).

**MSIP Standard:** 6.4, 6.7 **Progress Measure:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School Year** | **Baseline** | **Progress** | **Target** | **Target Met** |
| 2019 - 2020 | 50% |  |  | YES |
| 2020 - 2021 |  | 75% |  | N/A |
| 2021 - 2022 |  |  | 100% | N/A |

### Comments:

1. **Strategy:** To provide a variety of course offerings

**MSIP Standard:** 6.4,6.7

**Persons Responsible:** PD, Technology **Funding Source Name:** Budget, Title

**Date to Implement Strategy:** 08/01/2019 **Date of Completion:** 06/30/200

* 1. **Action Step:** Teachers plan, design effective learning experiences for students supported by technology.

**Date To Implement Action Step:** 08/01/2020

**Date of Completion:** 06/30/2021

* 1. **Action Step:** Teachers exhibit knowledge, skills and work processes representative of an innovative professional in a global and digital society.

**Date To Implement Action Step:** 08/01/2021

**Date of Completion:** 06/30/2022

* 1. **Action Step:** Teachers understand local and global societal issues and responsibilities in an evolving digital culture and exhibit legal and ethical behavior in their professional practices.

**Date To Implement Action Step:** 08/01/2019

**Date of Completion:** 06/30/2021

* 1. **Action Step:** Teachers continuously improve their professional practice, model lifelong learning, and exhibit leadership in their school and professional community by promoting and demonstrating the effective use of digital tools and resources.

**Date To Implement Action Step:** 08/01/2020

**Date of Completion:** 06/30/2021

* 1. **Action Step:** Teachers use their knowledge of subject matter to facilitate experiences that advance student learning, creativity and innovation.

**Date To Implement Action Step:** 08/01/2021

**Date of Completion:** 06/30/2022

## 4. **Objective:** To provide ongoing technology focused professional development opportunities at the school level through collaborative activities.

**MSIP Standard:** 6.4,6.7 **Progress Measure:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School Year** | **Baseline** | **Progress** | **Target** | **Target Met** |
| 2019 - 2020 | 50% |  |  | YES |
| 2020 - 2021 |  | 75% |  | N/A |
| 2021 - 2022 |  |  | 100% | N/A |

**Comments:**

1. **Strategy:** To provide professional development opportunities at the school level

**MSIP Standard:** 6.4,6.7

**Persons Responsible:** Curriculum and Instruction, PD, Principals

# Funding Source Name: Regular budget Date to Implement Strategy: 09/01/2019 Date of Completion: 06/30/2020

* 1. **Action Step:** Common planning period for team/grade level teachers to discuss technology use.

**Date To Implement Action Step:** 08/01/2019

**Date of Completion:** 06/30/2021

* 1. **Action Step:** Mentoring and/or being mentored by another teacher in a formal relationship regarding technology use.

**Date To Implement Action Step:** 08/01/2020

**Date of Completion:** 06/30/2021

* 1. **Action Step:** Individual or collaborative research

**Date To Implement Action Step:** 09/01/2020

**Date of Completion:** 06/30/2021

* 1. **Action Step:** Networking with teachers outside of the school and in other local districts.

**Date To Implement Action Step:** 09/01/2021

**Date of Completion:** 06/30/2022

## **Action Step:** Weekly, bi-weekly mini training sessions where teachers share successful technology

integration.

**Date To Implement Action Step:** 09/01/2021

**Date of Completion:** 06/30/2022

5. **Objective:** To provide teachers with consistent access to technology tools in the classroom.

# MSIP Standard: 6.4 Progress Measure:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School Year** | **Baseline** | **Progress** | **Target** | **Target Met** |
| 2019 - 2020 |  |  | 100% | YES |
| 2020 - 2021 |  |  | 100% | YES |
| 2021 - 2022 |  |  | 100% | N/A |

### Comments:

1. **Strategy:** Provide teachers with consistent access to technology tools to facilitate a comfort level and to enable teachers to effectively integrate technologies into the classroom.

**MSIP Standard:** 6.4

**Persons Responsible:** Technology, Principals

# Funding Source Name: GOB

**Date to Implement Strategy:** 09/01/2019

**Date of Completion:** 06/30/2020

* 1. **Action Step:** Staff is provided adequate time to practice technology skills.

**Date To Implement Action Step:** 09/01/2020

**Date of Completion:** 06/30/2021

* 1. **Action Step:** Effective use of technology is a factor in performance evaluations.

**Date To Implement Action Step:** 09/01/2020

**Date of Completion:** 06/30/2021

* 1. **Action Step:** Actively evaluates and pursues alternative funding sources such as grant and corporate partnerships.

**Date To Implement Action Step:** 09/01/2020

**Date of Completion:** 06/30/2022

* 1. **Action Step:** The district will provide staff with training personnel to support teachers to achieve technology competency and to integrate technology into the curriculum.

**Date To Implement Action Step:** 09/01/2019

**Date of Completion:** 06/30/2022

## 6. **Objective:** To evaluate/assess the effectiveness of on-going technology-focused professional development.

**MSIP Standard:** 6.7 **Progress Measure:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School Year** | **Baseline** | **Progress** | **Target** | **Target Met** |
| 2019 - 2020 |  |  | 100% | YES |
| 2020 - 2021 |  |  | 100% | YES |
| 2021 - 2022 |  |  | 100% | N/A |

### Comments:

1. **Strategy:** To periodically survey teachers and support staff to identify the stages of classroom technology integration to target and design technology focused professional development activities.

# MSIP Standard: 6.7

**Persons Responsible:** Technology

### Funding Source Name: No cost

**Date to Implement Strategy:** 09/01/2019

**Date of Completion:** 06/30/2022

* 1. **Action Step:** Participants will be asked to complete an evaluation form at the conclusion of all professional development activities.

**Date To Implement Action Step:** 09/01/2019

**Date of Completion:** 06/30/2022

* 1. **Action Step:** Twice each year, all staff will be asked to complete a technology-focused professional development rubric that rates the Districts’ PD Plan.

**Date To Implement Action Step:** 09/01/2019

**Date of Completion:** 06/30/2022

* 1. **Action Step:** Twice each year, all staff will be asked to complete a professional development survey.

**Date To Implement Action Step:** 09/01/2019

**Date of Completion:** 06/30/2022

1. **Goal:** Provide and maintain appropriate instructional resources, support services, and functional and safe facilities.

## **Objective:** To provide and maintain a high quality technology environment throughout the district.

**MSIP Standard:** 6.4,6.8

# Progress Measure: Replace out date systems

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School Year** | **Baseline** | **Progress** | **Target** | **Target Met** |
| 2019 - 2020 | 75% |  |  | YES |
| 2020 - 2021 |  | 85% |  | YES |
| 2021 - 2022 |  |  | 100% | N/A |

### Comments:

1. **Strategy:** To develop, implement, manage and evaluate plans to ensure the effective use of technology to accommodate the instructional and administrative needs of the District.

**MSIP Standard:** 6.4,6.8

**Persons Responsible:** Technology/MIS

### Funding Source Name: GOB

**Date to Implement Strategy:** 08/01/2019

**Date of Completion:** 06/30/2022

* 1. **Action Step:** Evaluate current systems; determine needs, including bandwidth, infrastructure, content filter and Firewall resources**.**

**Date To Implement Action Step:** 08/01/2019

**Date of Completion:** 06/30/2020

* 1. **Action Step:** Update computers in all locations

**Date To Implement Action Step:** 08/01/2019

**Date of Completion:** 06/30/2022

* 1. **Action Step:** Install/replace Interactive Boards in classrooms

**Date To Implement Action Step:** 08/01/2019

**Date of Completion:** 06/30/2022

* 1. **Action Step:** Set-up, upgrade,inventory all computer carts in schools.

**Date To Implement Action Step:** 8/01/2019

**Date of Completion:** 06/30/2021

* 1. **Action Step:** Install dense wireless network in all buildings**.**
  2. **Date To Implement Action Step:** 12/01/2019

**Date of Completion:** 06/30/2021

* 1. **Action Step:** Replace the District phone system.

**Date To Implement Action Step:** 12/01/2019

**Date of Completion:** 06/30/2020

* 1. **Action Step**: Develop a replacement schedule for all computers.

**Date to Implement Action Step**: 8/01/2020

**Date of Completion**: 6/30/2021

* 1. **Action Step**: Upgrade the District Internet and WAN Connections

**Date to implement Action Step**: 8/01/2019

**Date of Completion**: 6/30/2021

* 1. **Action Step**: Upgrade the District switches to Power Over Internet

**Date to implement Action Step**: 8/01/2020

**Date of Completion**: 9/01/2021

* 1. **Action Step**: Upgrade Administrative computers- more than 6-8 years old

**Date to implement Action Step**: 7/01/2021

**Date of Completion**: 12/20/22

12. **Action Step:**  Upgrade the District’s aging servers/storage in the data center

**Date to implement Action Step**: 11/1/2021

**Date of Completion:** 6/30/22

1. **Objective:** To research new/current technology trends and equipment for use in the district

**MSIP Standard:** 6.4, 6.7, 6.8 **Progress Measure:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School Year** | **Baseline** | **Progress** | **Target** | **Target Met** |
| 2019 - 2020 | 75% |  |  | YES |
| 2020 - 2021 |  | 85% |  | YES |
| 2021 - 2022 |  |  | 100% | N/A |

### Comments:

1. **Strategy:** To keep abreast of innovative technology

**MSIP Standard:** 6.4,6.7,6.8

**Persons Responsible:** Tech Services

# Funding Source Name: GOB

**Date to Implement Strategy:** 08/01/2019

**Date of Completion:** 08/31/2022

* 1. **Action Step:** Renew/Maintain MoreNET membership

**Date To Implement Action Step:** 06/01/2019

**Date of Completion:** 06/30/2022 2.**Action Step:** Attend technology webinars

**Date To Implement Action Step:** 06/01/2019

**Date of Completion:** 06/30/2022 3.**Action Step:** Attend ISTE conferences

**Date To Implement Action Step:** 06/01/2019

**Date of Completion:** 06/30/2022

## 4.**Action Step:** Attend Education Plus meetings

**Date To Implement Action Step:** 08/01/2019

**Date of Completion:** 06/30/2022

## **Objective:** To provide technologically advanced infrastructure to support the learning environment.

### MSIP Standard: 6.3, 6.4

### Progress Measure: Infrastructure Improvements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School Year** | **Baseline** | **Progress** | **Target** | **Target Met** |
| 2019 - 2020 |  |  | 100% | YES |
| 2020 - 2021 |  |  | 100% | YES |
| 2021 - 2022 |  |  | 100% | N/A |

**Comments:**

1. **Strategy:** To provide technologically advanced infrastructure to support the learning environment.

**MSIP Standard:** 6.3,6.4

**Persons Responsible:** Technology

**Funding Source Name:** E-Rate, GOB, Prop Funds

**Date to Implement Strategy:** 6/30/2019

**Date of Completion:** 6/30/2022

## **Action Step:** Employ outside vendors to deploy a network backbone capable of delivering streaming video and sustained demand to the Internet (distance learning, AP credits, dual credits, VoIP trunks).

**Date To Implement Action Step:** 8/01/2019

**Date of Completion:** 09/30/2021

## **Action Step:** Employ outside vendors to maintain voice and data communications networks

**Date To Implement Action Step:** 07/01/2019

**Date of Completion:** 06/30/2022

* 1. **Action Step:** Employ outside vendors to replace obsolete network infrastructure

**Date To Implement Action Step:** 07/01/2021

**Date of Completion:** 06/30/2022

## **Action Step:** Perform quarterly inventory of decommissioned hardware to forecast anticipated technology refresh needs.

**Date To Implement Action Step:** 07/01/2019

**Date of Completion:** 06/30/2022

1. **Objective:** To provide timely and responsive technical support to promote the education of the district's students.

### MSIP Standard: 6.3, 6.4 Progress Measure: Number of tickets closed

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School Year** | **Baseline** | **Progress** | **Target** | **Target Met** |
| 2019 - 2020 | 70% |  |  | Yes |
| 2020 - 2021 |  | 95% |  | N/A |
| 2021 - 2022 |  |  | 100% | N/A |

**Comments:**

1. **Strategy:** To provide timely and responsive technical support

**MSIP Standard:** 6.3,6.4

**Persons Responsible:** Technology Director

# Funding Source Name: GOB

**Date to Implement Strategy:** 6/30/2019

**Date of Completion:** 06/30/2022

* 1. **Action Step:** Maintain tickets for all requests.

**Date To Implement Action Step:** 6/30/2019

**Date of Completion:** 06/30/2022

* 1. **Action Step:** Investigate upgrading the current system.

**Date To Implement Action Step:** 6/30.2019

**Date of Completion:** 06/30/2020

* 1. **Action Step:** Provide maintenance service to respond to all high priority (Priority 1 type tickets) within 24 hours of receipt of trouble ticket (additional resources to fill staff vacancies)

**Date To Implement Action Step:** 6/30/2019

**Date of Completion:** 06/30/2022

* 1. **Action Step:** Close all maintenance tickets within five business days of receipt by the help desk

**Date To Implement Action Step:** 6/30/2019

**Date of Completion:** 06/30/2021

* 1. Action Step: Fill all vacant tech positions Date to Implement Action Step: 6/30/2019

Date of Completion: 12/30/2022

## 4. **Objective: To provide resources/technology/personnel to support the District’s AMI plan**

### MSIP Standard: 6.4 Progress Measure:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School Year** | **Baseline** | **Progress** | **Target** | **Target Met** |
| 2019 - 2020 | 10% |  |  | YES |
| 2020 - 2021 |  | 80% |  | YES |
| 2021 - 2022 |  |  | 100% | N/A |

**Comments:**

**1. Strategy: To ensure that students and staff have needed devices for on-line learning**

### MSIP Standard: 6.4

**Persons Responsible:** Technology/MIS

**Funding Source Name:** District funds

**Date to Implement Strategy:** 08/01/2020

**Date of Completion:** 06/30/2022

## **1. Action Step:** Purchase, enroll, image, set up devices for students and staff

## **Date To Implement Action Step:** 06/01/2020

**Date of Completion:** 06/30/2021

* 1. **Action Step:** Schedule one-on-one training with parents and students

**Date To Implement Action Step:** 08/01/2021

**Date of Completion:** 06/30/2022

* 1. **Action Step:** Provide support for those needing assistance with devices or Google Software

**Date To Implement Action Step:** 06/01/2020

**Date of Completion:** 06/30/2022

4. **Action Step**: Repair devices as needed

**Date to Implement Action Step:** 7/01/2020

**Date of Completion**: 6/30/2022

5. **Objective:** Increase data driven decisions by providing reliable data and software tools needed to perform accurate, real-time data analysis.

**MSIP Standard:** 6.2, 6.4, 8.9, 9.6 **Progress Measure: Increase in data driven decisions**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School Year** | **Baseline** | **Progress** | **Target** | **Target Met** |
| 2019 – 2020 |  |  | 80% | YES |
| 2020 - 2021 |  |  | 100% | N/A |
| 2021 - 2022 |  |  | 100% | N/A |

# Comments:

## **Strategy:** Present statistics from summarized student and business data accessible via web site or data dashboard

**MSIP Standard:** 6.2,6.4,8.9,9.6

**Persons Responsible:** Technology/MIS

**Source Name:** GOB

**Date to Implement Strategy:** 8/01/2019 **Date of Completion:** 06/30/2022

## **Action Step:** Work with SIS vendor to develop additional summary reports-discipline and attendance

**Date To Implement Action Step:** 09/01/2019

**Date of Completion:** 06/30/2022

* 1. **Action Step:** Implement user friendly, ad hoc database query & decision support tools

**Date To Implement Action Step:** 12/01/2019

**Date of Completion:** 06/30/2020

* 1. **Action Step:** Use an on-line information request system to assist in data reporting.

**Date To Implement Action Step:** 08/01/2019

**Date of Completion:** 06/30/2020

* 1. **Action Step:** Implement software systems to facilitate management of 4 year career plans and after school

**Date To Implement Action Step:** 08/01/2019

**Date of Completion:** 06/30/2021

* 1. **Action Step:** Implement a totally integrated software system for administrative management of business

**Date To Implement Action Step:** 06/01/20

**Date of Completion:** 06/30/2022

* 1. **Action Step:** Implement a report team, workgroup

**Date To Implement Action Step:** 08/01/2019

**Date of Completion:** 06/30/2022

* 1. **Objective:** To provide information security to protect the district's assets and confidentiality of students, staff

### MSIP Standard: 6.4,8.3 Progress Measure:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School Year** | **Baseline** | **Progress** | **Target** | **Target Met** |
| 2019 – 2020 | 85% |  |  | YES |
| 2020 – 2021 |  | 95% |  | YES |
| 2021 - 2022 |  |  | 100% | N/A |

**Comments:**

1. **Strategy:** To protect the district's assets and confidential information of students, staff, and board.

**MSIP Standard:** 6.4,8.3

**Persons Responsible:** R,Technology/MIS **Funding Source Name: GOB**

**Date to Implement Strategy:** 6/01/19

**Date of Completion:** 06/30/2020

## **Action Step:** Update Acceptable Use Policies and receive endorsement from the SAB

**Date To Implement Action Step:** 03/1/2020

**Date of Completion:** 06/30/2021

* 1. **Action Step:** Create and implement a process to synchronize, consolidate, and invoke password aging for user authentication. Implement Multi-factor Authentication

**Date To Implement Action Step:** 08/01/2020

**Date of Completion:** 06/30/2022

* 1. **Action Step:** Create individual versus generic student user accounts as the methodology to increase student usage of technology resources.

**Date To Implement Action Step:** 08/01/2019

**Date of Completion:** 08/31/2020

* 1. **Action Step:** Install virtual servers to leverage planned WAN upgrades to realize economies of scale.

**Date To Implement Action Step:** 12/01/2019

**Date of Completion:** 06/30/2020 5.**Action Step:** Replace End of Life firewall

**Date To Implement Action Step:** 12/01/2020

**Date of Completion:** 06/30/2021

6. **Action Step**: Install Ransomware on all District computers

**Date of Implementation** of Action Step: 4/30/21

**Date of Completion**: 06/30/21

7. **Action Step**: Establish a Disaster Recovery Site

**Date of Implementation**: 9/30/21

**Date of Completion**: 6/30/22

## 8. **Objective:** Establish methods to facilitate better communication about technology applications and policies; then build support to thereby increase adoption of technology integration into the curriculum.

**MSIP Standard:** 6.1,6.3 **Progress Measure:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School Year** | **Baseline** | **Progress** | **Target** | **Target Met** |
| 2019 - 2020 | 75% |  |  | NO |
| 2020 - 2021 |  | 85% |  | YES |
| 2021 - 2022 |  |  | 100% | N/A |

### Comments:

1. **Strategy:** To increase awareness of technology applications and policies.

**MSIP Standard:** 6.1,6.3,6.4

**Persons Responsible:** Technology/MIS **Funding Source Name: Regular Budget Date to Implement Strategy:** 07/01/2019 **Date of Completion:** 06/30/2022

* 1. **Action Step:** Publish predetermined maintenance windows on the website.

**Date To Implement Action Step:** 07/01/2019

**Date of Completion:** 06/30/2020

## 2. **Action Step:** Create and implement a process to notify each affected school of any service modification to the IT resources.

**Date To Implement Action Step:** 07/01/2019

**Date of Completion:** 06/30/2020

## **Action Step:** Identify then conduct technical training for each school’s Technical Point of Contact

**Date To Implement Action Step:** 07/01/2019

**Date of Completion:** 06/30/2020

## 4. **Objective: The District will implement Computer Science Education in grades K-12 to ensure that each scholar is 21st century ready.**

### MSIP Standard: 6.4 Progress Measure:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School Year** | **Baseline** | **Progress** | **Target** | **Target Met** |
| 2019 - 2020 | 0% |  |  | YES |
| 2020 - 2021 |  | 90% |  | NO |
| 2021 - 2022 |  |  | 100% | N/A |

**Comments:**

1. **Strategy: Select Computer Science Curriculum**

### MSIP Standard: 6.4

**Persons Responsible:** Technology/MIS, PLTW Coordinator

**Funding Source Name:** GOB; Grants

**Date to Implement Strategy:** 08/01/2019

**Date of Completion:** 06/30/2020

## **Action Step:** Apply for funding

## **Date To Implement Action Step:** 02/1/2021; 5/15/2021

**Date of Completion:** 09/30/21

* 1. **Action Step:** Determine additional equipment needs

**Date To Implement Action Step:** 08/01/2021

**Date of Completion:** 06/30/2022

* 1. **Action Step:** Select participants from each building

**Date To Implement Action Step:** 08/01/2021

**Date of Completion:** 06/30/2022

## **Goal:** Promote, facilitate, and enhance parent, student, and community involvement in District educational programs.

* 1. **Objective:** The District will provide a variety of methods for parents, guardians and other community members to learn about the technology resources and educational opportunities available for students.

**MSIP Standard:** 6.2,6.4,8.9,9.6

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School Year** | **Baseline** | **Progress** | **Target** | **Target Met** |
| 2019 – 2020 | 80% |  |  | YES |
| 2020 – 2021 |  | 90% |  | N/A |
| 2021 – 2022 |  |  | 100% | N/A |

**Comments:**

1. **Strategy:** Use a variety of methods to disseminate information about students.

**MSIP Standard:** 6.2,6.4,8.9,9.6

**Persons Responsible:** Communications Department, MIS, Parent Liaison

# Funding Source Name: Regular Budget

# Date to Implement Strategy: 08/01/2019

# Date of Completion: 06/30/2022

* 1. **Action Step:** Provide Parent technology classes via Parent University

**Date To Implement Action Step:** 09/01/2020

**Date of Completion:** 09/30/2022

* 1. **Action Step:** Provide on-line access to Parent portal

**Date To Implement Action Step:** 08/01/2019

**Date of Completion:** 06/30/2022

* 1. **Action Step:** Continue to use School Messenger for information to parents.

**Date To Implement Action Step:** 08/01/2019

**Date of Completion:** 06/30/2022

* 1. **Action Step:** Encourage periodic updates to district’s school and office web sites

**Date To Implement Action Step:** 08/1/2019

**Date of Completion:** 06/30/2022

* 1. **Action Step:** Create new email accounts for students

**Date To Implement Action Step:** 12/01/2019

**Date of Completion:** 06/30/2019

* 1. **Action Step:** Develop and implement surveys to determine parent technology needs

**Date To Implement Action Step:** 12/01/2016

**Date of Completion:** 06/30/2022

* 1. **Action Step:** Implement a simplified, parent friendly (automated progress report/report card at the elementary school level (replaces objective based card)

**Date To Implement Action Step:** 12/01/2020

**Date of Completion:** 06/30/2022

* 1. **Action Step:** Allow parental access to student data via the Internet from home or public library.

**Date To Implement Action Step:** 08/1/2020

**Date of Completion:** 06/30/2022

1. **Objective:** Improve data administration for staff, students, parents and the community.

**MSIP Standard:** 6.2,6.4,8.9,9.6 **Progress Measure:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School Year** | **Baseline** | **Progress** | **Target** | **Target Met** |
| 2019 – 2020 | 85% |  |  | YES |
| 2020 – 2021 |  | 95% |  | N/A |
| 2021 - 2022 |  |  | 100% | N/A |

# Comments:

1. **Strategy:** Improve availability of student data

**MSIP Standard:** 6.2,6.4,8.9,9.6

**Persons Responsible:** Technology/MIS

**Funding Source Name:** Local Funds

**Date to Implement Strategy:** 8/01/2019

**Date of Completion:** 06/30/2022

## **Action Step:** Increase and improve availability of student data at High Schools;

## **Date To Implement Action Step:** 12/01/2019

**Date of Completion:** 06/30/2022

## **Action Step:** Increase and improve availability of student data at Elementary Schools,

**Date To Implement Action Step:** 12/01/2019

**Date of Completion:** 06/30/2020

**4. Action Step:** Improve software interfaces and data synchronization (SIF)

**Date To Implement Action Step:** 12/01/2019

**Date of Completion:** 06/30/2021

## **5. Action Step:** Improve data integrity and reliability-(data edit checking)

**Date To Implement Action Step:** 12/01/2019

**Date of Completion:** 06/30/2021

**6. Action Step:** Improve access to data elements in SIS for reporting purpose

**Date To Implement Action Step:** 12/01/2019

**Date of Completion:** 06/30/2020

**7. Action Step:** Implement MUNIS **Financial** Software SYSTEM

**Date To Implement Action Step:** 12/01/2020

**Date of Completion:** 06/30/22

* + 1. **Goal:** Govern the District in an efficient and effective manner providing leadership and representation to benefit the students, staff, and patrons of the district.

## **Objective:** To coordinate, analyze and distribute performance data and program evaluations resulting in improved instructional and administrative practices.

### MSIP Standard: 6.4

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **School Year** | **Baseline** | **Progress** | **Target** | **Target Met** |
| 2019 - 2020 | 75% |  |  | YES |
| 2020 - 2021 |  | 85% |  | N/A |
| 2021 - 2022 |  |  | 100% | N/A |

**Comments:**

1. **Strategy:** To provide access to more accurate data

### MSIP Standard: 6.4

**Persons Responsible:MIS/Assessment**

# Funding Source Name:

**Date to Implement Strategy:** 08/01/2019

**Date of Completion:** 06/30/2022

## **Action Step:** Implement processes to ensure the District meets compliance requirements.

**Date To Implement Action Step:** 08/01/2019

**Date of Completion:** 6/30/2020

2. **Action Step:** Train staff to use data

**Date To Implement Action Step:** 09/01/2020

**Date of Completion:** 06/30/2021

1. **Action Step:** Provide resources necessary to collect core data consistently and accurately

**Date To Implement Action Step:** 09/01/2019

**Date of Completion:** 06/30/2022

1. **Action Step:** Maintain accurate data/for intervention strategy

**Date To Implement Action Step:** 09/01/2020

**Date of Completion:** 06/12/2022

### Additional Elements:

Technology Plan Assessment/Evaluation The technology Plan has been written with measurable actions so that the committee can more easily evaluate improvement as outlined within the plan. In addition, objectives and action items have stressed assessment and provisions for correction measures of the plan’s goals. The Technology Committee will routinely conduct an end-of-year review of the Technology Plan to determine if adequate progress has been made on the stated goals and objectives.



The Universal Service Fund E-rate Program states that district long-range plans must address five essential elements. The district provides assurances to DESE that the technology plan contains the following:

* Clear goals and realistic strategies for using telecommunications and information technology to improve education services;
* Professional development strategies to ensure that staff know to use these new technologies to improve education services;

## Assessment of the telecommunication services, hardware, software, and other services that will be needed to improve education services;

* Sufficient budget to acquire and support the non-discounted elements of the plan: the hardware, software, professional development and other services that will be needed to implement the strategy; and

## Evaluation process that enables the school to monitor progress toward the specified goals and make mid-course corrections in response to new developments and opportunities as they arise.