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Comprehensive Needs Assessment

Revised/Approved: November 05, 2015

Demographics

Demographics Summary

Katherine Johnson Technology Magnet Academy is a public school located in DeSoto Texas. We opened our doors for the first time August 20, 2018 and should not have a state accountability rating or official campus/student data from AEIS report. Data will be collected informally from student records in order to have enough information to develop performance objectives/goals for our students in grades K-5.

Currently our student attendance rate is at 98% for the 2018-2019 school year. Our population includes 543 students.

Demographics Strengths

KJTMA believes that we have the best students and families anywhere. There are a growing number of things to celebrate, including:

1. KJTMA places a high priority on developing strong relationships with students, parents, and the community.

2. While the student population is not widely diverse, the campus environment is built upon embracing and accepting different cultures and ethnicities.

Problem Statements Identifying Demographics Needs

Problem Statement 1: At Risk Population Root Cause: KJTMA's at risk population will need close monitoring and differentiated/accelerated instruction as students are struggling academically.
Comprehensive Needs Assessment Data Documentation

The following data were used to verify the comprehensive needs assessment analysis:

**Improvement Planning Data**
- District goals
- Campus goals
- Current and/or prior year(s) campus and/or district improvement plans
- Campus and/or district planning and decision making committee(s) meeting data
- State and federal planning requirements

**Accountability Data**
- Texas Academic Performance Report (TAPR) data
- Domain 1 - Student Achievement
- Domain 2 - Student Progress
- Domain 3 - Closing the Gaps
- Critical Success Factor(s) data
- Federal Report Card Data

**Student Data: Assessments**
- SSI: Istation Indicators of Progress (ISIP) accelerated reading assessment data for Grades 3-5 (TEA approved statewide license)
- Local diagnostic math assessment data
- SSI: Think Through Math assessment data for Grades 3-8 and Algebra I (TEA approved statewide license)
- Local benchmark or common assessments data
- Student failure and/or retention rates
- Running Records results
- Observation Survey results
- Istation Indicators of Progress (ISIP) reading assessment data for Grades PK-2

**Student Data: Student Groups**
- Race and ethnicity data, including number of students, academic achievement, discipline, attendance, and rates of progress for each group
- Special Programs data, including number of students, academic achievement, discipline, attendance, and rates of progress for each student group
- Economically Disadvantaged / Non-economically disadvantaged performance, progress, and participation data,
- Male / Female performance, progress, and participation data
- At-Risk population, including performance, progress, discipline, attendance, and mobility
- Response to Intervention (RtI) student achievement data
- Response to Intervention (RtI) student achievement data
Student Data: Behavior and Other Indicators

- Attendance data
- Discipline records

Employee Data

- Professional learning communities (PLC) data
- Staff surveys and/or other feedback
- State certified and high quality staff data
- Teacher/Student Ratio
- Campus leadership data
- Campus department and/or faculty meeting discussions and data
- Professional development needs assessment data
- Evaluation(s) of professional development implementation and impact
- T-TESS

Parent/Community Data

- Parent surveys and/or other feedback
- Parent Involvement Rate
- Community surveys and/or other feedback

Support Systems and Other Data

- Organizational structure data
- Processes and procedures for teaching and learning, including program implementation
- Communications data
- Capacity and resources data
- Budgets/entitlements and expenditures data
- Study of best practices
- Action research results
- Other additional data
Goals

Goal 1: COMMUNICATION: Expand pathways and maintain methods of communication throughout DeSoto ISD for parents/guardians, students, and community.

Performance Objective 1: 80% of KJTMA parents will visit the school or be contacted by school personnel by May 2019

Evaluation Data Source(s) 1: Monitor and maintain parent log and survey

Summative Evaluation 1:

<table>
<thead>
<tr>
<th>Strategy Description</th>
<th>ELEMENTS</th>
<th>Monitor</th>
<th>Strategy's Expected Result/Impact</th>
<th>Reviews</th>
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<tr>
<td>1) 80% of KJTMA parents will visit the school or be contacted by school personnel by May 2019</td>
<td>2.4, 2.6, 3.2</td>
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100% = Accomplished  
= Continue/Modify  
0% = No Progress  
= Discontinue
Goal 1: COMMUNICATION: Expand pathways and maintain methods of communication throughout DeSoto ISD for parents/guardians, students, and community.

Performance Objective 2: 80% of KJTMA parents will be signed up for digital communication.

   Evaluation Data Source(s) 2: Sign up logs

   Summative Evaluation 2:

Goal 1: COMMUNICATION: Expand pathways and maintain methods of communication throughout DeSoto ISD for parents/guardians, students, and community.

Performance Objective 3: We will host 4 events on how parents can assist their child academically-Math Night, Science Night, STAAR Information session, and Literacy Night. Every grade level will host one parent workshop and attend an additional 3 (4 total).

   Evaluation Data Source(s) 3: Improved campus culture & climate for all students, staff and parents.

   Summative Evaluation 3:

Goal 2: PROGRAMS: Develop a system for implementation and assessment of new and current programs and initiatives to ensure alignment to district Call to Action and beliefs.

Performance Objective 1: Administrators will purchase supplemental materials and supplies in all content areas to increase student academic achievement, support the core curriculum, and improve instructional practices (including software & technology- Ipads Prom. Boards for classroom instruction). Teachers will utilize the technology and supplemental resources and materials to enhance instructional practices and create quality DOLs to address student needs (All in Learning, STAAR test maker, Stemsscopes, Raz Kids Istation, etc.).

   Evaluation Data Source(s) 1: Increase in student academic achievement on local and state assessments.

   Summative Evaluation 1:

Goal 2: PROGRAMS: Develop a system for implementation and assessment of new and current programs and initiatives to ensure alignment to district Call to Action and beliefs.

Performance Objective 2: Teachers will attend APPLE PD sessions throughout the year that support their PD goals and campus goals. Attend PD & implement strategies designed to improve classroom culture & environment which includes classroom routines & procedures, expectations, culture & physical environment.
Evaluation Data Source(s) 2: Increase in student academic achievement on local and state assessments.

Improved quality of instruction.

Summative Evaluation 2:

Goal 3: PARTNERSHIPS: Capitalize on community resources to improve ISD partnerships and provide student opportunities.

Performance Objective 1: Develop the campus master schedule to include after school tutoring, enrichment opportunities (extra-curricular) All teachers will provide small group targeted instruction during the day, tutorials, and enrichment and support.

Evaluation Data Source(s) 1: Increased college and career readiness as well as increased performance on local & state exams.

Summative Evaluation 1:

Goal 3: PARTNERSHIPS: Capitalize on community resources to improve ISD partnerships and provide student opportunities.

Performance Objective 2: Develop parent engagement activities designed to deepen parents’ understanding of campus and district programs to support college and career readiness. Purchase all necessary supplies and materials needed.

Evaluation Data Source(s) 2: Increase in the number of parents, volunteers, and community members in SBDM & PTA.

Summative Evaluation 2:

Goal 3: PARTNERSHIPS: Capitalize on community resources to improve ISD partnerships and provide student opportunities.

Performance Objective 3: Purchase and utilize all materials and supplies that promote/increase parent and community involvement and college and career readiness.

Evaluation Data Source(s) 3: Increase achievement on state exams and increased parent & community involvement.

Summative Evaluation 3:

Goal 3: PARTNERSHIPS: Capitalize on community resources to improve ISD partnerships and provide student opportunities.
Performance Objective 4: We will support and facilitate parent meetings to support parent involvement. Staff will conduct parent meetings and group sessions to support these initiatives.

   Evaluation Data Source(s) 4: Increase achievement on state exams and increased parent & community involvement.

   Summative Evaluation 4:

Goal 3: PARTNERSHIPS: Capitalize on community resources to improve ISD partnerships and provide student opportunities.

Performance Objective 5: All teachers (K-5) will recruit one parent that will sit on the Principal’s Advisory Committee. This parent will also serve as the parent “room parent.”

   Evaluation Data Source(s) 5: Increase in the number of parents, volunteers, and community members in the school as well as SBDM & PTA.

   Summative Evaluation 5:

Goal 4: ASSESSMENT: Design assessments to align with curriculum to focus on student learning.

Performance Objective 1: Create a campus assessment and interim assessment calendar (Assessment results will be posted on the KJTMA champion wall) each week. Teachers will progress monitor students by using the campus tier form and All in Learning (2nd-5th). All data will be submitted in a timely manner.

   Evaluation Data Source(s) 1: Increase in student academic achievement on local and state assessments.

   Summative Evaluation 1:

Goal 4: ASSESSMENT: Design assessments to align with curriculum to focus on student learning.

Performance Objective 2: IC & Admin will facilitate and create rigorous weekly common assessments using an online program and/or supplemental materials. Teachers will utilize the assessment data to track student progress and guide instruction. Teachers will submit assessment data in a timely manner—Tier Forms/All in Learning.

   Evaluation Data Source(s) 2: Increase in student academic achievement on local and state assessments.

   Improved quality of instruction.

   Summative Evaluation 2:
Goal 4: ASSESSMENT: Design assessments to align with curriculum to focus on student learning.

Performance Objective 3: Admin. Team will conduct weekly PLC meetings to discuss the 4 critical questions, review weekly lesson plans, LO’s/DOL’s, and discuss/review student achievement results. Teachers will actively participate in weekly PLC meetings.

  Evaluation Data Source(s) 3: increase in student academic achievement on local and state assessments.
  Improved quality of instruction.

Summative Evaluation 3:

Goal 5: CURRICULUM: Allow and encourage flexibility within the learning environment.

Performance Objective 1: ADMIN will provide targeted, specific professional development over the entire T-TESS Rubric (All dimensions). Teachers will actively participate in PD sessions and implement lessons that demonstrate alignment and proficiency in the 4 target areas utilizing the T-TESS rubric to increase proficiency.

  Evaluation Data Source(s) 1: Increase in student academic achievement on local and state assessments.
  Improved quality of instruction.

Summative Evaluation 1:

Goal 5: CURRICULUM: Allow and encourage flexibility within the learning environment.

Performance Objective 2: Provide quality professional development designed to improve classroom culture and environment which includes classroom routines and procedures, expectations, culture and physical environment (Maximize Instructional Time). Teachers will attend and actively participate in all PD sessions.

  Evaluation Data Source(s) 2: Increase in student academic achievement on local and state assessments.
  Improved quality of instruction.

Summative Evaluation 2:

Goal 5: CURRICULUM: Allow and encourage flexibility within the learning environment.

Performance Objective 3: Purchase technology devices-Ipads-for classroom instruction and technology software (Istation, STAAR maker, All in Learning, Katherine Johnson Elementary
Generated by Plan4Learning.com
January 29, 2019 10:52 am
Stemscopes, Raz Kids, etc.) and other necessary supplies and materials to improve the quality of instruction and strengthen the overall educational program and improve student academic achievement. Teachers will monitor student progress in reading through Istation/ISIP, and utilize the Istation interventions during small group instruction/Tutoring as well as District required resources

**Evaluation Data Source(s) 3:** Increase in student academic achievement on local and state assessments.

Improved quality of instruction.

**Summative Evaluation 3:**

**Goal 5:** CURRICULUM: Allow and encourage flexibility within the learning environment.

**Performance Objective 4:** Admin team will routinely check classrooms for posted and utilized daily math and reading routines. ELAR teachers will post and utilize daily reading routines (Balanced Literacy Model) and Math teachers will post and utilize daily math routines.

**Evaluation Data Source(s) 4:** Increase in student academic achievement on local and state assessments.

Improved quality of instruction.

**Summative Evaluation 4:**

**Goal 5:** CURRICULUM: Allow and encourage flexibility within the learning environment.

**Performance Objective 5:** Administrators and Teachers will attend educational conference and Professional Development sessions in order to improve student academic achievement, quality of instruction and campus culture and climate. ASCD, IStation Conference, Ron Clark Academy, Small group institute in reading/writing, General & Special education, IRA, Learning and the Brain Winter Conference, Model Schools, NAEYC, and Cooperative Learning -- Kagan

**Evaluation Data Source(s) 5:** Increase in student academic achievement on local and state assessments.

Improved quality of instruction.

**Summative Evaluation 5:**

**Goal 6:** PARENTAL ENGAGEMENT: Develop ways to reach our parents/guardians and engage them in their child's education process.
**Performance Objective 1:** Develop parent engagement activities designed to deepen parents’ understanding of campus and district programs to support college and career readiness. Purchase all necessary supplies and materials needed.

   **Evaluation Data Source(s) 1:** Increase in the number of parents, volunteers, and community members in SBDM & PTA.
   
   **Summative Evaluation 1:**

**Goal 6:** PARENTAL ENGAGEMENT: Develop ways to reach our parents/guardians and engage them in their child's education process.

**Performance Objective 2:** Purchase and utilize all materials and supplies that promote/increase parent and community involvement and college and career readiness

   **Evaluation Data Source(s) 2:** Increase CCR, achievement on state exams and increased parent & community involvement.
   
   **Summative Evaluation 2:**

**Goal 6:** PARENTAL ENGAGEMENT: Develop ways to reach our parents/guardians and engage them in their child's education process.

**Performance Objective 3:** We will support and facilitate parent meetings to support parent involvement. Staff will conduct parent meetings and group sessions to support these initiatives.

   **Evaluation Data Source(s) 3:** Increase CCR, achievement on state exams and increased parent & community involvement.
   
   **Summative Evaluation 3:**

**Goal 6:** PARENTAL ENGAGEMENT: Develop ways to reach our parents/guardians and engage them in their child's education process.

**Performance Objective 4:** Establish and maintain an active PTA

   **Evaluation Data Source(s) 4:** Increase in community involvement
   
   **Summative Evaluation 4:**
Title I Schoolwide Elements

ELEMENT 1. SWP COMPREHENSIVE NEEDS ASSESSMENT (CNA)

1.1: Comprehensive Needs Assessment
Katherine Johnson TMA opened its doors for the first time August 20, 2018. Data will be collected informally from student records in order to have enough information to develop performance objectives/goals for students in K-5th.

KJTMA will focus on providing a guaranteed and viable curriculum as powered by T-TESS. Even though we are bringing in teachers and students from several different schools and districts, DeSoto ISD’s viable and guaranteed curriculum will be in place from day one in order to provide students with high levels of learning.

Only 27 of the 109 4th grade students assigned to KJTMA earned Meets on the 3rd Grade Reading STAAR and 32 of the 109 4th grade students earned Meets on the 3rd Grade Math STAAR.

Only 22 of the 111 5th grade students assigned to KJTMA earned Meets on the 4th Grade Reading STAAR, 27/111 - Math, and 13/111 - 4th Grade Writing STAAR.

ELEMENT 2. SWP CAMPUS IMPROVEMENT PLAN (CIP)

ELEMENT 3. PARENT AND FAMILY ENGAGEMENT (PFE)
# Campus Leadership Team

<table>
<thead>
<tr>
<th>Committee Role</th>
<th>Name</th>
<th>Position</th>
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<tbody>
<tr>
<td>Administrator</td>
<td>Meshallyn Willis</td>
<td></td>
</tr>
<tr>
<td>Administrator</td>
<td>Taylor Flowers</td>
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