

Hernando County School District

Nature Coast Technical High



2017-18 Schoolwide Improvement Plan

Nature Coast Technical High

4057 CALIFORNIA ST, Brooksville, FL 34604

<https://www.hernandoschools.org/ncths>

School Demographics

School Type and Grades Served (per MSID File)	2016-17 Title I School	2016-17 Economically Disadvantaged (FRL) Rate (as reported on Survey 3)
High School PK, 9-12	No	55%
Primary Service Type (per MSID File)	Charter School	2018-19 Minority Rate (Reported as Non-white on Survey 2)
K-12 General Education	No	35%

School Grades History

Year	2016-17	2015-16	2014-15	2013-14
Grade	B	C	B*	B

**Informational Baseline School Grade*

Note: The school grades calculation was revised substantially for the 2014-15 school year to implement statutory changes made by the 2014 Legislature and incorporate the new Florida Standards Assessments. The 2014-15 school grades serve as informational baseline data that schools can use to improve in future years.

School Board Approval

This plan was approved by the Hernando County School Board on 1/9/2018.

SIP Authority and Template

Section 1001.42(18), Florida Statutes, requires district school boards to annually approve and require implementation of a school improvement plan (SIP) for each school in the district that has a school grade of D or F.

The Florida Department of Education (FDOE) SIP template meets all statutory and rule requirements for traditional public schools and incorporates all components required for schools receiving Title I funds. This template is required by State Board of Education Rule 6A-1.099811, Florida Administrative Code, for all non-charter schools with a current grade of D or F (see page 4). For schools receiving a grade of A, B, or C, the district may opt to require a SIP using a template of its choosing.

This document was prepared by school and district leadership using the FDOE's school improvement planning web application located at <https://www.floridacims.org>.

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Purpose and Outline of the SIP

The SIP is intended to be the primary artifact used by every school with stakeholders to review data, set goals, create an action plan and monitor progress. A corollary at the district level is the District Improvement and Assistance Plan (DIAP), designed to help district leadership make the necessary connections between school and district goals in order to align resources. The Florida Department of Education encourages schools to use the SIP as a “living document” by continually updating, refining and using the plan to guide their work throughout the year. This printed version represents the SIP as of the “Date Modified” listed in the footer.

Part I: Current School Status

Part I organizes the current status of the school around five domains inspired by the 5Essentials framework: Supportive Environment, Family and Community Involvement, Effective Leadership, Public and Collaborative Teaching, and Ambitious Instruction and Learning. Questions regarding the school’s Multi-Tiered System of Supports have been embedded throughout this part to demonstrate how data is used by stakeholders to understand the needs of all students and allocate appropriate resources in proportion to those needs.

Part II: Needs Assessment

Part II requires the school to review performance and early warning systems data in order to develop strategic goals and associated data targets (i.e., “SMART goals”) for the coming school year in context of the school’s greatest strengths and needs. An online tool was developed, which includes data visualizations and processing questions to support problem identification, problem analysis and strategic goal formulation.

Part III: 8-Step Planning and Problem Solving for Implementation

Part III enables the school to develop implementation plans for its highest-priority goals. With the overview of the current state of the school in mind and the strategic goals identified through the needs assessment, the planning team engages in a facilitated planning and problem-solving process, through which they

- Define strategic goals and establish targets to be reached by successfully achieving the goals (Step 1)
- Identify barriers that could hinder achieving those goals and resources that could be used to eliminate or reduce barriers (Step 2)
- Select high-priority barriers they want to address initially (Step 3)
- Design implementation and monitoring plans for strategies to resolve selected barriers (Steps 4-7)
- Determine how they will monitor progress toward each goal (Step 8)

Appendices

The following appendices, automatically-generated from content entered in Part III, are included in this document:

- Appendix 1 is a timeline of all action steps and monitoring activities
- Appendix 2 is an outline of all professional development opportunities and technical assistance items
- Appendix 3 is a report of the budget needed to implement the strategies

Differentiated Accountability

Florida's Differentiated Accountability (DA) system, established in [section 1008.33, Florida Statutes](#), is a statewide network of strategic support, differentiated by need according to performance data, provided to districts and schools in order to improve leadership capacity, teacher efficacy, and student outcomes. Through a data-driven planning and problem-solving process, DA field teams collaborate with district leadership to design, implement, and refine strategic goals and action plans that are documented in the SIP.

DA Regions

Florida's DA network is divided into four geographical regions, each served by a field team led by a regional executive director (RED).

DA Categories

At the start of each academic year, traditional schools are classified for DA support in two categories based on the most recent school grades data available. Descriptions of each DA category along with the state support and interventions provided are set forth by [Rule 6A-1.099811, Florida Administrative Code](#):

- **Not in DA** - A school with a current school grade of A, B, or C; charter schools; and ungraded schools.
- **Targeted Support and Improvement** - A school with a current school grade of an initial D.
- **Comprehensive Support and Improvement** - A school with a current school grade of F or two consecutive grades of D, or a high school with a graduation rate of 67 percent or less in the most recent data release.

DA Turnaround Status

Additionally, Comprehensive Support and Improvement schools have a turnaround status of "Implementing," based on a school's grades history, including the current school grade:

- Implementing - A school with a status of "Implementing" requires the district to submit a turnaround plan to the State Board of Education for approval and implementation. A school remains in "Implementing" status until its school grade improves to a C or higher.

2017-18 DA Category and Statuses for Nature Coast Technical High

DA Region and RED	DA Category and Turnaround Status
Central - Lucinda Thompson	- N/A

I. Part I: Current School Status

A. Supportive Environment

1. School Mission and Vision

a. Provide the school's mission statement.

Nature Coast Technical High School faculty and staff will collaborate with all stakeholders to ensure that our students acquire the knowledge and skills to successfully participate in a competitive global economy.

b. Provide the school's vision statement.

Nature Coast Sharks swimming toward success!

2. School Environment

a. Describe the process by which the school learns about students' cultures and builds relationships between teachers and students.

At the beginning of the school year teachers engage in activities that enable them to learn more about the students they will be working with during the year. Examples of these activities include questionnaires, ice-breakers, and student interest inventories.

Students fill out Data Chat Folders in their 4th period Study Hall and Study Hall teachers hold a minimum of one data chat with every student during the year.

b. Describe how the school creates an environment where students feel safe and respected before, during and after school.

Principal and Assistant Principals greet students each morning out in front of school, in the courtyard, and at the bus as students disembark. Additionally, teachers are posted around the campus and outside their classroom doors greeting students as they enter campus and classrooms throughout the day.

NCTHS uses the Positive Behavior Support (PBS) system to create a safe and orderly environment. In the beginning of the year teachers are provided with PBS lessons to complete with their Study Hall students. These lessons are designed to teach students Nature Coast Technical High School's values and appropriate school behaviors. Additionally, posters are posted around the school outlining our PBS goals and vinyls of our SHARKS motto are on all of our hallway doors.

Safety drills are practiced monthly to ensure students understand the expectations and procedures that have been put in place. These safety measures/procedures help ensure that our students are prepared in case of an actual emergency.

The administrative team along with the attendance secretary, guidance counselors, and SRO conducted grade level assemblies to review school-wide expectations and student responsibilities (i.e. attendance, no bullying zone, risk-free learning environments, campus wide safety). The team focused on the expected positive behaviors as well as incentives for adhering to guidelines for success.

NCTHS uses the school resource officer to maintain safety and help build positive relationships between school and community stakeholders.

c. Describe the schoolwide behavioral system in place that aids in minimizing distractions to keep students engaged during instructional time. This may include, but is not limited to, established protocols for disciplinary incidents, clear behavioral expectations, and training for school personnel to ensure the system is fairly and consistently enforced.

Principal and assistant principals provide a common vision for the use of data-based decision-making to ensure that the school-based team is implementing Positive Behavior Support system, monitoring of intervention supports and documentation, ensure adequate professional development to support PBS, and communicate with parents regarding school-based PBS plans and activities.

The school-based PBS Leadership Team meets monthly to review current data that addresses PBS goals; reducing tardies, dress code, and skipping violations; and also check for progress seen as a result of delivered interventions, i.e., group behavioral interventions and Tier 2 targeted behavioral interventions.

We teach our students positive behavior through our S.H.A.R.K.S. expectation. We teach to Seek the positive, that Homework is helpful, to Arrive on time, to Respect everyone, to Keep making good choices, and to Strive for success. Teachers create management programs based on these expectations and students are rewarded with Shark Bites for their positive behaviors. Student rewards are provided through experiences and events throughout the school year.

d. Describe how the school ensures the social-emotional needs of all students are being met, which may include providing counseling, mentoring and other pupil services.

Guidance counselors and behavior specialists provide student support through individual and group meetings. Tier 3 students are serviced by Functional Behavior Assessments and Behavioral Intervention Plans. Additionally, guidance and other school staff monitor student needs to ensure that the social-emotional needs of all students are being met.

3. Early Warning Systems

The school's response to this section may address the requirements of ESSA, P.L. No. 114-95, Â§ 1114(b)(7)(A)(i) and (b)(7)(A)(iii)(III).

a. Describe the school's early warning system and provide a list of the early warning indicators used in the system.

Nature Coast Technical High School's early warning systems include:

Attendance: Daily automated phone calls (Global Connect) home to absent students and calls home if a student falls below the 90% attendance rate. Weekly attendance reports are published with the names of students that fall below the 90% attendance rate. Students who consistently land on these reports are recommended for our Child Study Team.

The administrative team tracks the number of in-school and out-of-school suspensions each month for discussion in data team meetings. They also meet individually with at-risk students in grade level cohorts.

Course failure/s: School procedures requires that administrators receive quarterly reports from teachers indicating those student that are currently failing a course, along with submission of a plan of action to close the gaps for failing students.

Level 1 English Language Arts or Mathematics: Reading students are placed in an Intensive Reading class along with a Reading Study Hall. Mathematics students are placed in a mathematics study hall. Intensive Reading teachers use interventions based on student data to close the learning gaps between poor performing students and their grade level peers.

b. Provide the following data related to the school's early warning system

1. The number of students by grade level that exhibit each early warning indicator:

Indicator	Grade Level														Total
	K	1	2	3	4	5	6	7	8	9	10	11	12		
Attendance below 90 percent	0	0	0	0	0	0	0	0	0	20	26	31	54	131	
One or more suspensions	0	0	0	0	0	0	0	0	0	16	24	17	33	90	
Course failure in ELA or Math	0	0	0	0	0	0	0	0	0	51	78	36	42	207	
Level 1 on statewide assessment	0	0	0	0	0	0	0	0	0	41	45	33	25	144	
	0	0	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0		

The number of students identified by the system as exhibiting two or more early warning indicators:

Indicator	Grade Level														Total
	K	1	2	3	4	5	6	7	8	9	10	11	12		
Students exhibiting two or more indicators	0	0	0	0	0	0	0	0	0	79	86	82	76	323	

c. Describe all intervention strategies employed by the school to improve the academic performance of students identified by the early warning system.

Each administrator meets with their assigned grade level at-risk students quarterly to monitor student progress toward improved academic achievement.

Students with two or more early warning indicators are placed in designated study halls for additional academic support. Students scoring Level 1 on statewide reading assessments are placed in a reading remediation class.

Students with one or more suspensions will be identified and monitored by the RtI/SBLT team.

Algebra I EOC retakers are scheduled into Math Remediation Study Hall where they receive tutoring. We are also offering 4 sections of Liberal Arts Math to help retakers pass Algebra I EOC.

Students failing courses or students seeking to increase their GPA can enroll in our Adult Education Co-Enroll classes. They are allowed to take two courses per year for grade recovery/forgiveness. They can also use Edgenuity during study hall for grade forgiveness.

Students with less than 90% attendance will be identified weekly and counseled. If attendance continues to be a challenge for students, they will be referred to the Child Study Team.

B. Family and Community Engagement

The school's response to this section may address the requirements of ESSA, P.L. No. 114-95, Â§ 1114(b)(2) and (b)(7)(A)(iii)(I).

1. Describe how the school works at building positive relationships with families to increase involvement, including efforts to communicate the school's mission and vision, and keep parents informed of their child's progress.

a. Will the school use its Title I Parent and Family Engagement Policy (PFEP) to satisfy this question?

No

1. PFEP Link

The school completes a Parental Involvement Plan (PFEP), which is available at the school site.

2. Description

NCTHS uses Edline to communicate with parents, teachers and staff mail home Positive Behavior Support postcards, teachers, guidance counselors, and administration make calls home informing parents of their student's progress.

NCTHS uses Edline, Twitter, Facebook, the Remind app, our marquee, and Global Connect to inform parents of upcoming School Advisory Committee (SAC) meetings, sporting events, plays, Open Houses, Magnet School Orientation, Awards Nights, and club meetings.

2. Describe the process by which the school builds and sustains partnerships with the local community for the purpose of securing and utilizing resources to support the school and student achievement.

Through the scheduling of monthly SAC meetings, NCTHS is able to sustain and nurture our partnerships with the local community. All stakeholders are provided with information relating to student achievement and are provided the opportunity to review and evaluate our school goals for improvement.

NCTHS also hosts a Dual Enrollment/Advanced Placement Night to inform parents and students about their options for advanced coursework. Two Magnet School Orientations are held during the first semester to showcase our Career and Technical Education programs for incoming students.

We also have articulation agreements with post-secondary institutions to meet the academic needs of every student to ensure career and college readiness.

C. Effective Leadership

1. School Leadership Team

a. Membership

Identify the name, email address and position title for each member of the school leadership team.:

Name	Title
Noyes, Toni Ann	Principal
Williams, Dawn	Assistant Principal
Loder, Pam	Assistant Principal
Buel, Gary	Assistant Principal
Beach, Shaizey	Teacher, K-12
Erickson, Lori	Teacher, K-12
Gore, Emily	Teacher, K-12
Masserio, Lisa	Teacher, PreK
Champagne, Gregory	Teacher, K-12
LaRocca, Jodi	Teacher, K-12
Stevens, Donna	Teacher, K-12
Schlum, Vicki	School Counselor
Fiske, Noreen	Teacher, K-12
Diulio, Pete	Teacher, Career/Technical

b. Duties

1. Describe the roles and responsibilities of the members, including how they serve as instructional leaders and practice shared decision making.

Principal will provide a common vision for the use of data-based decision-making, ensure that the school-based team is implementing MTSS and SIP, conduct assessment of MTSS skills of school staff, ensure implementation of intervention support and documentation, ensure adequate professional development to support MTSS and SIP implementation, and communicate with parents regarding school-based MTSS plans and activities.

Assistant principals will support the principal's vision that leads and guides the team's decision-making. They support principal's initiatives and ensure they are carried out.

Select general education teachers will provide information about core instruction, participate in student data collection, deliver Tier 1 instruction/intervention, collaborate with other staff to implement Tier 2 interventions, and integrate Tier 1 materials/instruction with Tier 2/3 activities. Exceptional student education (ESE) Teachers will participate in student data collection, integrate core instructional activities/materials into Tier 3 instruction, and collaborate with general education teachers through such activities as co-teaching.

Assistant principal and assessment teacher will evaluate school core content standards/programs; identify and analyze existing literature on scientifically based curriculum/behavior assessment and intervention approaches; monitor and share formative and summative assessment data; identify systematic patterns of student need while working with district personnel to identify appropriate, evidence-based intervention strategies; assist with whole school screening programs that provide early intervening services for children to be considered "at risk;" assist in the design and implementation for progress monitoring, data collection, and data analysis; participate in the design and delivery of professional development; and provide support for assessment and implementation monitoring.

Guidance counselors will participate in collection of data; facilitate the development of intervention plan, and provide support for intervention fidelity and documentation relating to dropout prevention.

2. Describe the process through which school leadership identifies and aligns all available resources (e.g., personnel, instructional, curricular) in order to meet the needs of all students and maximize desired student outcomes. Include the methodology for coordinating and supplementing federal, state and local funds, services and programs. Provide the person(s) responsible, frequency of meetings, how an inventory of resources is maintained and any problem-solving activities used to determine how to apply resources for the highest impact.

Principal and assistant principals will provide a common vision for the use of data-based decision-making, ensure that the school-based team is implementing MTSS and SIP, conduct assessment of MTSS skills of school staff, ensure implementation of intervention support and documentation, ensure adequate professional development to support MTSS and SIP implementation, and communicate with parents regarding school-based MTSS plans and activities. Select general education teachers will provide information about core instruction, participate in student data collection, deliver Tier 1 instruction/intervention, collaborate with other staff to implement Tier 2 interventions, and integrate Tier 1 materials/instruction with Tier 2/3 activities. Exceptional student education (ESE) teachers will participate in student data collection, integrate core instructional activities/materials into Tier 3 instruction, and collaborate with general education teachers through such activities as co-teaching. Assessment teacher will evaluate school core content standards/programs; identify and analyze existing literature on scientifically based curriculum/behavior assessment and intervention approaches; monitor and share formative and summative assessment data; identify systematic patterns of student need while working with district personnel to identify appropriate, evidence-based intervention strategies; assist with whole school screening programs that provide early intervening services for children to be considered “at risk;” assist in the design and implementation for progress monitoring, data collection, and data analysis; participate in the design and delivery of professional development; and provide support for assessment and implementation monitoring. Guidance counselors will participate in collection of data; facilitate the development of intervention plan, and provide support for intervention fidelity and documentation relating to increasing graduation rates.

The school-based MTSS Leadership Team will meet monthly to review current data that addresses SIP goals, and check for progress seen as a result of delivered interventions, i.e., group behavioral interventions and Tier 2 Targeted academic interventions.

2. School Advisory Council (SAC)

a. Membership

Identify the name and stakeholder group for each member of the SAC.:

Name	Stakeholder Group
Toni-Ann Noyes	Principal
Lorenda Rodriguez	Parent
Toni-Ann Noyes	Principal
David Rodriguez	Parent
Rena Cobb	Student
Twanda Overton	Parent
Cindi Sierak	Parent
Ayasha Teague	Parent
Lisa Porcelli	Parent
Sara Chase	Parent

b. Duties

1. Provide a description of the SAC's involvement with the following activities, as required by section 1001.452(2), Florida Statutes

The school's response to this question may address the requirements of ESSA, P.L. No. 114-95, Â§ 1114(b)(2).

a. Evaluation of last year's school improvement plan

Throughout the school year, the principal and assistant principals provides updates to SAC about the school's progress toward the SIP goal. At the end of the school year, the principal and assistant principals reviews student achievement data with SAC and shares information from parent and teacher needs surveys. The principal requests input from SAC parents about the effectiveness of SIP initiatives throughout the school year.

In May 2017, parents also brainstormed PBS awards for 2017-2018 school year. The first meeting of each school year, the principal provides SAC parents with a summary of test data; and the proposed SIP goal and strategies and requests their input and ideas. Throughout the year we provide updates relating to progress we are making on our SIP goal.

b. Development of this school improvement plan

Parent, teacher and staff surveys (climate and needs surveys) conducted toward the end of the school year and beginning of this school year serve as the springboard for school improvement planning over the summer and early fall. SAC parents are invited to participate in school improvement planning meetings, but because attendance can be a challenge for them, input is gathered through the surveys and conversations during SAC meetings.

Conversations with department chairs and groups of teachers are conducted prior to the development of the SIP so that the team already has a general outline of our school needs, and can more easily set goals, brainstorm resources, barriers and strategies, and create action plans.

Once the plan is drafted, a summary is brought to the entire faculty and to the SAC for further input. Revisions to the SIP can be made throughout the school year. If a barrier is not eliminated, ideas continue to be brainstormed in order to identify alternative strategies that will help our school achieve our SIP goal.

c. Preparation of the school's annual budget and plan

The Principal prepares the budget based on input from teachers, staff, parents, and priorities set by the district. The SAC supports the school's initiatives to increase student achievement by reviewing the school's annual budget to determine best ways to allocate funds for specific programs. The Principal maintains a prioritized list of needed resources that cannot be funded by the school budget because of limited dollars.

2. Describe the use of school improvement funds allocated last year, including the amount budgeted for each project.

\$2723.80 was spent for Student Planners for 9th and 10th grade students.
\$1000.00 for PBS Committee to spend on student incentives related to PBS school-wide goals.
\$2,145.14 for four cameras and miscellaneous equipment for Journalism class.
\$3,299.89 for ELA Vocabulary books for grades 9 - 12.
\$556.41 went to salaries for 6 Grade Repair teachers.
\$150.00 to reimburse one teacher for Algebra II Nation books.
\$585.20 to Lisa Masserio to attend the TSOL Conference.

3. Verify that the school is in compliance with section 1001.452, Florida Statutes, regarding the establishment requirements and duties of the SAC.

Yes

a. If the school is not in compliance, describe the measures being implemented to meet SAC requirements.

3. Literacy Leadership Team (LLT)

a. Membership

Identify the name and position title for each member of the school-based LLT or similar group, if applicable.:

Name	Title
Noyes, Toni Ann	Principal
Williams, Dawn	Assistant Principal
Masserio, Lisa	Teacher, K-12
Loder, Pam	Assistant Principal
Buel, Gary	Assistant Principal

b. Duties

1. Describe how the LLT or similar group promotes literacy within the school, if applicable.

The Literacy Leadership Team is working toward increasing the capacity for literacy within the school. The principal and assistant principals will promote the LLT as an integral part of the school literacy reform process to build a culture of reading throughout the school by being an active member of the team. The administrative team will allow team members to plan literacy activities and/or events that promote best practices among teachers and/or foster a love of reading in all students.

D. Public and Collaborative Teaching

The school's responses to this section may address the requirements of ESSA, P.L. No. 114-95, Â§ 1114(b)(7)(A)(iii)(IV).

1. Describe the school's strategies to encourage positive working relationships between teachers, including collaborative planning and instruction.

Nature Coast Technical uses many different strategies to promote positive working relationships between teachers and administrators. These strategies include One-on-One Time meetings with the principal, bi-monthly Department Chair Meetings and monthly Faculty Meetings, and the Remind app to ensure clear communication between district, the school leadership and teachers. In addition to being a vehicle for communication, the administrative team also celebrates birthdays with cards and small treats. On our half-day professional development days we provide teachers with monthly themed treats.

Departments/grade level/subject area have regularly scheduled meetings throughout the school year to discuss and plan for common assessments and implementation of Florida Standards.

NCTHS administration continues to move core subject area teachers so they will be closer in proximity to one another which will provide them the opportunity to collaborate more frequently as well as provide support to one another.

The English Department holds bi-monthly PLC meetings to implement to S.W.A.P.

The Math Department meets in subject specific meetings to plan together and to create common assessments and S.W.A.P.

The Science Department holds regular meetings to facilitate the implementation of the standards, plan common assessments, S.W.A.P, and continue the use of Interactive Notebooks being used in Biology and Physical Science.

Department Heads conduct bi-monthly department meetings with their departments to celebrate and acknowledge one another as well as address potential issues and concerns.

Assessment teacher will conduct Unify Data Chats as math, science, and history formative results become available to help teachers become more comfortable with using data to plan instruction.

Core departments are provided with one subject specific Temporary Duty Day to collaborate and plan as a team.

2. Describe the school's strategies to recruit, develop and retain highly qualified, certified-in-field, effective teachers to the school.

All teachers new to our school are provided the opportunity to attend a "welcome to our school" training before school begins where support staff are introduced and school-wide expectations and programs are explained. We have a new mentoring group called the Lifesavers. During pre-school they met with all seven of our new teachers. During that meeting they were given a box of supplies and an orientation of the school. The Lifesavers meet at least monthly but are always available to help the new teachers. This group provides new teachers with a "go-to" person for questions, concerns, and support. Throughout the year we administration and the Lifesavers hosts luncheons to check in with new teachers and address any concerns and celebrate successes. Developing these professional relationships helps to retain highly qualifies teachers.

We encourage student teachers to complete their observations and internships at NCTHS.

3. Describe the school's teacher mentoring program, including the rationale for pairings and planned mentoring activities.

NCTHS mentoring program requires all probationary contract teachers be assigned a highly qualified mentor. These teachers are matched to their mentor according to subject area whenever possible. The mentors are required to meet with their mentees once a week and complete/review an extensive list of professional duties. Additionally, mentors will conduct two walkthroughs and a 30 minute observation

each semester.

Mentors and mentees will meet once a month to collaborate, problem-solve, and provide support. The mentees are provided with opportunities to research the Four Domains of the Danielson model and present to the group suggested artifacts to build their evaluation portfolio.

E. Ambitious Instruction and Learning

1. Instructional Programs and Strategies

a. Instructional Programs

1. Describe how the school ensures its core instructional programs and materials are aligned to Florida's standards.

NCTHS ensures its core instructional programs and materials are aligned with the Florida Standards by providing high quality professional development to help teachers understand the rigorous shifts in the Florida standards. We are focusing on engaging students in rigorous instruction aligned to the Florida Standards. We have planned ongoing professional development to learn how to create engaging standards-based lessons and to analyze student work, along with ongoing, data-based discussions with peers, district reading coach, assessment teacher, and administration to help to increase rigor and student engagement.

b. Instructional Strategies

1. Describe how the school uses data to provide and differentiate instruction to meet the diverse needs of students. Provide examples of how instruction is modified or supplemented to assist students having difficulty attaining the proficient or advanced level on state assessments.

NCTHS Administrative team will meet with all core curriculum teachers on a monthly basis to disaggregate student data to determine areas of weakness within the curriculum. Teachers are encouraged to track their student's individual data and remediate students as needed. Remediation is encouraged in our study halls. Administration uses classroom walk-through documentation to ensure effective teaching strategies are being used. Unify data will be analyzed after each formative and summative assessment to determine the levels of student growth.

Students that scored level 1 on FSA ELA are placed into intensive reading classes to help eliminate or reduce the learning gap between low scorers and proficient students. Students that have scored low on past mathematics assessments are placed into the Algebra IA/IB.

NCTHS Guidance Department will publicize Co-Enroll Adult Education and Edgenuity to help credit/GPA deficient students.

Biology teachers will host a Biology Jam in the Spring to help students prepare for the Biology End-of-Course Exam (EOC).

Math Teachers will host a series of Jam in the Spring to help students prepare for the Algebra 1 and Geometry EOCs. Teachers incorporate the use of Khan Academy to enhance student's skills.

NCTHS also uses the Sunshine Connections portal to Exceptional Education resources online tool. These tools are used to improve student learning. The resources embedded in the online tool enables NCTHS teachers to effectively write student Individual Education Plans, thereby ensuring diverse learners needs are met.

2. Provide the following information for each strategy the school uses to increase the amount and quality of learning time and help enrich and accelerate the curriculum:

Strategy: Extended School Day

Minutes added to school year:

Strategy Rationale

Strategy Purpose(s)

""

Person(s) responsible for monitoring implementation of the strategy

Data that is or will be collected and how it is analyzed to determine effectiveness of the strategy

2. Student Transition and Readiness

a. PreK-12 Transition

The school's response to this question may address the requirements of ESSA, P.L. No. 114-95, Â§ 1114(b)(7)(A)(iii)(V).

1. Describe the strategies the school employs to support incoming and outgoing cohorts of students in transition from one school level to another.

NCTHS conducts a Ninth Grade Orientation the first day of school for incoming ninth grade students where students are acclimated to school culture. All 9th grade students arrive with a completed electronic Personal Education Plan (ePEP). Magnet admissions ensure career programs are the students' choices and a process to review career options is in place at the end of semester one of 9th grade. Students can participate in the PSAT, ASVAB (grades 10, 11 and 12), personalized career exploration utilizing My Career Shines, and personal social career development videos and activities during study hall. Sixteen articulated credit contracts have been drawn up with public and private post-secondary institutions directly from NCTHS advancing student pathway choices and saving students both time and money. Guidance counselors encourage early testing for the SAT and ACT. Career instructors are made aware of the statewide articulated credit options for students successfully passing industry certifications, and mentoring time through guest speakers and field trips are encouraging students to become college ready at an earlier stage. Additionally, guidance counselors provide ongoing guidance to ensure students are taking the appropriate coursework to meet their graduation plan and program.

b. College and Career Readiness

1. Describe the strategies the school uses to advance college and career awareness, which may include establishing partnerships with business, industry or community organizations.

NCTHS will co-host a district-wide College Night with up to 40 colleges and universities represented each year Dual Enrollment Night was offered in October for students and parents to learn about college classes and requirements.

NCTHS administrative team, guidance department, and CTE department chair meet monthly with district secondary Curriculum supervisor and CTE specialists to discuss and implement new changing graduation requirements and CTE course offering and requirements. We also have each new student and parent/s sign a Program of Study (POS) that maps out their required coursework for their academic requirements and ensure they are CTE program completers.

2. Identify the career and technical education programs available to students and industry certifications that may be earned through those respective programs.

Aerospace Technologies can earn Industry Certification (IC) on the FAA Ground School exam.
Allied Health Assisting can earn IC on the CMAA exam.
Emergency Medical Responder can earn IC on the CMAA exam.
Production Technology can earn IC on the MSSC Quality, MSSC Maintenance, and MSSC Production exams.
Automotive Maintenance and Light Repair can earn IC on the Florida Automobile Dealers Certification exam.
Commercial Art Technologies can earn IC on Adobe Photoshop, Adobe Illustrator, and Adobe Design exams.
Culinary Arts can earn IC on SerSafe exam.
Digital Video Production can earn IC on Premiere Pro exam.
Energy Technician can earn IC on the NCCER Electricity 1 and the NCCER Electricity 2 exams.
Technology Support Services can earn IC on the Internet Business Associates PROSO016, CompTIA Network, and CompTia A+.

3. Describe efforts the school has taken to integrate career and technical education with academic courses (e.g., industrial biotechnology) to support student achievement.

There is integration of academics with applied learning outcomes through Academy cohort scheduling. Math and reading strategies are incorporated into career lessons and each career instructor has a bank of math and reading resources to enhance his/her career area instruction. Students experience how core academics relate to the world of work on a daily basis.

4. Describe strategies for improving student readiness for the public postsecondary level based on annual analysis of the [High School Feedback Report](#), as required by section 1008.37(4), Florida Statutes.

The most recent High School Feedback Report is from 2015. Based on this data, NCTHS has increased the number of students taking the ACT and SAT. All 10th grade students will sit for the PSAT this year. One of our students has qualified for the National Merit Scholarship. The Post Secondary Readiness Test (PERT) is offered to all students meeting DE requirements. Based on PERT results, NCT and teacher recommendations, NCTHS currently offers five sections of Math for College Readiness (1 and 2) in order to increase college readiness.
Dual Enrollment classes may be accessed both on-campus and through PHSC.

Students have multiple opportunities to participate in Advance Placement (AP) classes on campus and through the district's eSchool franchise.

II. Needs Assessment

The school's completion of this part may address the requirements of ESSA, P.L. No. 114-95, Â§ 1114(b)(6).

A. Problem Identification

1. Data to Support Problem Identification

b. Data Uploads

Data uploads are not required by the Florida Department of Education but are offered as a tool for the needs assessment. In this section, the school may upload files of locally available data charts and graphs being used as evidence of need.

The following documents were submitted as evidence for this section:

No files were uploaded

2. Problem Identification Summary

This section is not required by the Florida Department of Education but is provided as an opportunity for the school to summarize the points of strength and areas of need that have been identified in the data.

B. Problem Analysis Summary

This section is not required by the Florida Department of Education but is provided as an opportunity for the school to summarize the underlying "why" or root causes for the areas of need identified in the data, as determined by situational awareness of, and research conducted by, the stakeholders involved in the needs assessment.

C. Strategic Goals

School Improvement Goals

The following key is intended to help readers understand how the sections of this document correspond to the steps of the 8-step planning and problem-solving framework used in the School Improvement Plan. The Quick Key numbers can help registered users go directly to the point of entry for any given goal, barrier and strategy within the online survey.

Problem Solving Key

G = Goal

B =
Barrier

S = Strategy

 = Problem Solving Step  S123456 = Quick Key

Strategic Goals Summary

G1. NCTHS will increase standards-based instruction in the core to increase student achievement.

Strategic Goals Detail

For each strategic goal, this section lists the associated targets (i.e., “SMART goals”), targeted barriers to achieving the goal, resources available to help reduce or eliminate the barriers, and the plan for monitoring progress toward the goal.

G1. NCTHS will increase standards-based instruction in the core to increase student achievement. 1a

G099372

Targets Supported 1b

Indicator	Annual Target
Effective+ Teachers (Performance Rating)	80.0
FSA ELA Achievement	70.0
Algebra I EOC Pass Rate	70.0
ELA/Reading Gains	70.0
ELA/Reading Lowest 25% Gains	70.0
Math Gains	70.0
Math Lowest 25% Gains	70.0
U.S. History EOC Pass	80.0
Bio I EOC Pass	70.0
GPA above 2.0 - H.S.	85.0

Targeted Barriers to Achieving the Goal 3

- Misalignment of instruction to state standards
- Teachers continue to show a lack experience in working through Student Work Analysis Protocol to identify areas in need of more aligned state standards instruction.

Resources Available to Help Reduce or Eliminate the Barriers 2

- Collaborative planning to design instruction and monitor Progress Monitoring Reporting Network and Unify for instructional implications.
- District Coaches
- Support through professional development and peer review observations.
- Use of written formative assessments spiraled throughout instructional lessons in the core.
- Leadership to ensure standards-based instruction is happening in the core.
- Collaborative planning for 9th and 10th grade ELA teachers to provide cohesive standards-based instruction and assessments.

Plan to Monitor Progress Toward G1. 8

Sign-in sheets, training agenda, materials provided, teacher evaluations, and classroom walkthrough data.

Person Responsible

Toni Ann Noyes

Schedule

Monthly, from 8/28/2017 to 5/25/2018

Evidence of Completion

Teacher lesson plans will reflect implementation of strategies and methods learned in their professional learning communities.

Action Plan for Improvement

For each strategy selected in the plan to reduce a targeted barrier to a strategic goal, this section lists the rationale for that strategy (i.e., why the school believes it will reduce the barrier) and the action steps that have been identified as necessary to implementing the strategy, including details such as the point person, timing and duration, and evidence of completion. At the end of each set of action steps is the plan for monitoring the implementation and effectiveness of the respective strategy.

Problem Solving Key

G = Goal **B** =
 Barrier **S** = Strategy

 = Problem Solving Step  S123456 = Quick Key

G1. NCTHS will increase standards-based instruction in the core to increase student achievement. 1

 G099372

G1.B1 Misalignment of instruction to state standards 2

 B267619

G1.B1.S1 Provide instructional guidance and materials aligned with state standards. 4

 S283524

Strategy Rationale

There is still a current mismatch between teacher selected materials and what the state standards are asking our students to be able to do, understand, and know. As teachers become more familiar with the standards and understanding what they are asking students to do, they will become more successful at fully implementing them within their lesson plans and assuring assessments are matched to the rigor of the tested benchmarks.

Action Step 1 5

Ongoing Understanding of the Florida Standards

Person Responsible

Pam Loder

Schedule

Monthly, from 8/30/2017 to 5/30/2018

Evidence of Completion

Sign-in sheets and CWT evidence of unpacked standard on board configuration.

Action Step 2 5

Evaluating student work that reflects the rigor of standards-based instruction

Person Responsible

Pam Loder

Schedule

Monthly, from 8/28/2017 to 5/20/2018

Evidence of Completion

Sign in sheets, CWT evaluation of student work, and mid year meeting

Action Step 3 5

Observe Other School's SWAP Protocol - HHS and CHS

Person Responsible

Dawn Williams

Schedule

On 6/1/2018

Evidence of Completion

Implementation of HHS's ELA SWAP protocol as well as CHS's classroom differentiation for next school year.

Plan to Monitor Fidelity of Implementation of G1.B1.S1 6

Classroom walkthroughs will be conducted to look for common board configuration and reviews of teacher's lesson plans that reflect a match between posted standard and instruction.

Person Responsible

Toni Ann Noyes

Schedule

Monthly, from 10/27/2017 to 5/30/2018

Evidence of Completion

Classroom walkthrough and lesson plan analysis of standards-based instruction.

Plan to Monitor Fidelity of Implementation of G1.B1.S1 6

Teachers will meet every two weeks to analyze common assessment data. Administration will conduct 9 week data chats analyzing common assessments and grades.

Person Responsible

Toni Ann Noyes

Schedule

Quarterly, from 10/17/2017 to 3/26/2018

Evidence of Completion

Data reports and meeting agendas and minutes.

Plan to Monitor Fidelity of Implementation of G1.B1.S1 6

Administrators will attend and when necessary take over facilitation of SWAP protocol to ensure teachers are engaged in standards-based SWAP formatives.

Person Responsible

Toni Ann Noyes

Schedule

Biweekly, from 3/26/2018 to 6/1/2018

Evidence of Completion

Meeting notes.

Plan to Monitor Effectiveness of Implementation of G1.B1.S1 7

Classroom walkthrough data analysis of board configuration.

Person Responsible

Toni Ann Noyes

Schedule

Daily, from 8/28/2017 to 5/25/2018

Evidence of Completion

Classroom walkthrough data analysis of standards-based instruction.

Plan to Monitor Effectiveness of Implementation of G1.B1.S1 7

Teachers will meet every two weeks to analyze common assessment data. Administration will conduct 9 week data chats analyzing common assessments.

Person Responsible

Toni Ann Noyes

Schedule

Biweekly, from 8/28/2017 to 5/25/2018

Evidence of Completion

Data reports and meeting agendas and minutes.

IV. Implementation Timeline

Source	Task, Action Step or Monitoring Activity	Who	Start Date (where applicable)	Deliverable or Evidence of Completion	Due Date/ End Date
2018					
G1.B1.S1.MA2 M416502	Teachers will meet every two weeks to analyze common assessment data. Administration will conduct 9...	Noyes, Toni Ann	10/17/2017	Data reports and meeting agendas and minutes.	3/26/2018 quarterly
G1.B1.S1.A2 A382757	Evaluating student work that reflects the rigor of standards-based instruction	Loder, Pam	8/28/2017	Sign in sheets, CWT evaluation of student work, and mid year meeting	5/20/2018 monthly
G1.MA1 M416504	Sign-in sheets, training agenda, materials provided, teacher evaluations, and classroom walkthrough...	Noyes, Toni Ann	8/28/2017	Teacher lesson plans will reflect implementation of strategies and methods learned in their professional learning communities.	5/25/2018 monthly
G1.B1.S1.MA1 M416499	Classroom walkthrough data analysis of board configuration.	Noyes, Toni Ann	8/28/2017	Classroom walkthrough data analysis of standards-based instruction.	5/25/2018 daily
G1.B1.S1.MA5 M416500	Teachers will meet every two weeks to analyze common assessment data. Administration will conduct 9...	Noyes, Toni Ann	8/28/2017	Data reports and meeting agendas and minutes.	5/25/2018 biweekly
G1.B1.S1.MA1 M416501	Classroom walkthroughs will be conducted to look for common board configuration and reviews of...	Noyes, Toni Ann	10/27/2017	Classroom walkthrough and lesson plan analysis of standards-based instruction.	5/30/2018 monthly
G1.B1.S1.A1 A382756	Ongoing Understanding of the Florida Standards	Loder, Pam	8/30/2017	Sign-in sheets and CWT evidence of unpacked standard on board configuration.	5/30/2018 monthly
G1.B1.S1.MA5 M416503	Administrators will attend and when necessary take over facilitation of SWAP protocol to ensure...	Noyes, Toni Ann	3/26/2018	Meeting notes.	6/1/2018 biweekly
G1.B1.S1.A3 A382758	Observe Other School's SWAP Protocol - HHS and CHS	Williams, Dawn	3/5/2018	Implementation of HHS's ELA SWAP protocol as well as CHS's classroom differentiation for next school year.	6/1/2018 one-time

V. Professional Development Opportunities

Professional development opportunities identified in the SIP as action steps to achieve the school's goals.

G1. NCTHS will increase standards-based instruction in the core to increase student achievement.

G1.B1 Misalignment of instruction to state standards

G1.B1.S1 Provide instructional guidance and materials aligned with state standards.

PD Opportunity 1

Ongoing Understanding of the Florida Standards

Facilitator

Grade level subject area teachers with District Coach support

Participants

Nature Coast Technical core teachers.

Schedule

Monthly, from 8/30/2017 to 5/30/2018

PD Opportunity 2

Evaluating student work that reflects the rigor of standards-based instruction

Facilitator

District Coaches

Participants

Grade level subject area teachers with District Coach support

Schedule

Monthly, from 8/28/2017 to 5/20/2018

VI. Technical Assistance Items

Technical Assistance opportunities identified in the SIP as action steps to achieve the school's goals.

VII. Budget

1	G1.B1.S1.A1	Ongoing Understanding of the Florida Standards	\$0.00
2	G1.B1.S1.A2	Evaluating student work that reflects the rigor of standards-based instruction	\$0.00
3	G1.B1.S1.A3	Observe Other School's SWAP Protocol - HHS and CHS	\$0.00
Total:			\$0.00