

NCTHS Continuous Improvement Plan 2019-2020

New Century Technology High School

Vision

NCTHS strives to prepare leaders for the evolving global STEM workforce.

Mission

NCTHS will immerse motivated, highly-capable students in advanced studies and industry experience in STEM fields.

Beliefs

All students are capable of achieving greatness with proper motivation and support.

Professional Growth

Resources

Community Connections

Learning Outcomes

Whole Student Development

Technology Plan

Objectives

- 95% of teachers will effectively integrate technology resources in classroom instruction (TP)
- Provide professional development that has a direct impact on instruction and meets teacher needs

Objectives

- All educators and students will have digital tools necessary to support learning (TP)
- 100% of classrooms and offices in NCTHS will have reliable network access (TP)
- Work with school security and bus company to maintain student safety

Objectives

- Increase community involvement in school activities and programs
- Increase opportunities for students to participate in challenges and competitions outside the school
- Increase the number of school postings on social media

Objectives

- Increase percent of eleventh grade students achieving benchmark on ACT Reading to 67% or higher
- Increase percent of eleventh grade students achieving benchmark score on ACT Math to 46% or higher
- Increase percent of students earning College & Career Readiness Indicator before graduation to 100%
- Maintain federal graduation rate of 95% or higher

Objectives

- Maintain 95% or higher of students who are not chronically absent
- Reduce negative behaviors utilizing the PBIS framework and a school-wide counseling program

Objectives

- See critical initiatives marked TP throughout the plan

Critical Initiatives

- Teachers will participate in

Critical Initiatives

- All students and educators

Critical Initiatives

- Increase communication with

Critical Initiatives

- English teachers will integrate

Critical Initiatives

- Follow district guidelines for

Critical Initiatives

Critical Initiatives	Critical Initiatives	Critical Initiatives	Critical Initiatives	Critical Initiatives	Critical Initiatives
<p>professional development on research-based strategies designed to increase student achievement through the use of dynamic, interactive lessons that engage students. (TP)</p> <ul style="list-style-type: none"> Teachers will participate in training to design learning experiences that engage all learning styles and multiple intelligences. Teachers will participate in training on adapting lessons to meet the needs of each individual learner. 	<p>will have access to a comprehensive infrastructure for learning and productivity using digital tools, when and where they need it to fully support the learners. (TP)</p> <ul style="list-style-type: none"> Increase student growth through the use of technology-based resources by providing adequate digital resources for use in 100% of classrooms. (TP) Increase student access to a reliable network by providing the needed infrastructure and equipment in all classrooms and common areas of the school. Communicate concerns in a timely manner with security and/or bus company to address any potential issues 	<p>parents and community regarding school activities and opportunities for involvement</p> <ul style="list-style-type: none"> Provide more opportunities for families, businesses and others in the community to become involved in the school through programs and activities. Encourage participation of interested students in the NASA SpaceApps Challenge and other competitions. (TP) Develop connections with local businesses that provide students the opportunity to visit, learn from, and work with business people. (TP) School publicity group will share school news and classroom activities on social media 	<p>ACT prep in classroom instruction. (TP)</p> <ul style="list-style-type: none"> Increase support for student learning through teacher office hours, Problem Solving Team, and peer mentoring. Math teachers will integrate ACT prep in classroom instruction. (TP) Increase support for student learning through teacher office hours, Problem Solving Team, and peer mentoring. Educate students regarding significance and importance of CCRI attainment Provide additional opportunities/avenues for students to earn a College and Career Readiness indicator. (TP) Work with individual students to ensure graduation requirements are met in a timely manner 	<p>tracking student attendance and reporting students with excessive absences</p> <ul style="list-style-type: none"> Notify parents when students are missing from class using SchoolCast Develop reward system for consistently recognizing positive behavior. School guidance counselor will provide grade-appropriate lessons to help students build confidence, motivation, and strong work ethic throughout high school. 	

Key Measures	Key Measures	Key Measures	Key Measures	Key Measures	Key Measures
<ul style="list-style-type: none"> Sign-in sheets Classroom observation Training agenda/notes Sign-in sheets Training agenda/notes Sign-in sheets Lesson plans 	<ul style="list-style-type: none"> School technology inventory Network connectivity data Help desk records Work order records School technology inventory Help desk records Network speed 	<ul style="list-style-type: none"> Canvas postings Weekly newsletter PTSA and school social media posts Flyers advertising events Agendas or sign-in sheets for events Photographs taken at events 	<ul style="list-style-type: none"> ACT test prep materials Sample ACT bell ringers Sample ACT test questions Sign-in sheets PST documentation Peer helper activity documentation ACT test prep materials 	<ul style="list-style-type: none"> Documentation of absence letters sent to parents Copies of referral cards Log of parent phone calls Daily attendance record in INow Record of calls made in INow Documented reward system 	

Key Measures	Key Measures	Key Measures	Key Measures	Key Measures	Key Measures
	<ul style="list-style-type: none"> • Network uptime • Technology inventory • Communications with security or transportation • Notes from meetings with security/transportation 	<ul style="list-style-type: none"> • Social media posts about events • Registration documentation • Competition results • Social media posts about the competition • Sign-in sheets for events • Agenda for meetings/events • List of invitees for events • Field trip documentation • Social media posting 	<ul style="list-style-type: none"> • Sample bell ringers • Sample test questions • Sign-in sheets from office hours • PST documentation • Peer helper activities documentation • Communication with students regarding CCRIs • CCRI attainment spreadsheet • Documentation provided to students about CCRIs • Certificates earned • Dual enrollment registrations • WorkKeys results • Calculated graduation rate 	<ul style="list-style-type: none"> • Published documentation of rewards • Guidance lessons • Schedule of guidance lessons 	