

CHESHIRE PUBLIC SCHOOLS SUBJECT AREA SUMMARY SHEETS

CAREER TECH ED

Curriculum Review Cycle Schedule

18-19	Analyze/Plan –Presentation to CCC
19-20	Implement I
20-21	Implement II
21-22	Implement III
22-23	Evaluation –Subcommittee is Formed

SUBJECT/DEPARTMENT: CAREER TECH ED

MISSION STATEMENT

Your mission should answer: Why? It provides clarity of purpose. Your mission gives focus to the question, 'Why does this curricular area exist?'

The mission of the Career and Technical Education Department is to provide opportunities for all students to discover their interests and educational pathways that can lead to success in high school, college, and their chosen career/profession. Our real world, project based, and student centered learning offers a collaborative approach which allows all students to obtain outcomes that prepare them to become competitive members in today's rapidly changing society.

PERFORMANCE STANDARDS

Taken from CHS Program of Studies

Collaborative/Cooperative Worker

- Problem solving requires research into the nature of the problem. Research is a collaborative process between the researcher and the sources of information.
- Students in Applied Technology often work as a part of a team with each person contributing to the common goal.

Community Contributor

- Applied Technology students work toward an understanding of the impact that technology has on society.
- Students develop leadership roles as a part of team effort.
- Students begin to connect their effort as it relates to the needs of and benefits from society.

Complex Thinker

- Courses in Applied Technology put into practice the skills and concepts developed in other disciplines. Combining sometimes-diverse concepts fosters many of these applications.

Effective Communicator

- Students in Applied Technology learn to be clear in the meaning of verbal and written instructions.
- Students also gain personal feedback when their project/task fails to meet specifications (Think muffins with no salt; Envision a stairway too short; Imagine once-in-a-lifetime pictures taken with no film in the camera).

Knowledgeable Person

- Students in Applied Technology will become problem solvers, but more importantly they will recognize that solving one problem many times will uncover more questions and possibilities.

Self-Directed Learner

- Students should recognize their own opportunities, abilities, and responsibilities toward life-long learning.

Skilled Information Processor

- Students of Applied Technology will come in contact with information from a variety of sources (e.g. classroom lectures, lab experiences, personal computation, textbooks, guest speakers, Internet, memory recall, and peer conversations). They are guided to filter this raw information for relevance, accuracy, usefulness, and believability (Can it really cost \$60,000 per year to heat one room of a typical residence?).

**ANNUAL PROGRAM or DEPARTMENTAL GOALS/STRATEGIC PLANNING
INITIATIVES**

What are the goals for your program or department for this curriculum area for this year 2018-2019?

Career and Technical Education – CTE

Technology/Engineering Education

- Finalize CCC curriculum review and begin implementing the renewed five-year plan.
- Research local industry needs and CCP options through the CT Community and Technical College system.
- Prepare for 2019-2020 Perkins Grant by defining grant spending needs.

FCS

- Use the developed common instructional resource to cater school and student events with fair and accurate pricing.
- Collaborate with the Special Education department by providing authentic job and life skills training and supplying products to the Ram Roasters.
- Develop a mobile culinary program by utilizing the 2018 Perkins Grant investment.

General

- Continue to promote CTE's learning opportunities to the CPS and local community through events, public relations, and new industry and/or community college partnerships.
- Support new teachers through TEAM mentoring and foster developmental growth
- Continue to develop instruction and lessons that promote critical and complex thinking.
- Collaborate with core academic subjects through the avenue of project based learning and community projects.

WHAT WAS, WHAT IS, WHAT WILL BE

	What was	What is
Curriculum, Objectives, Guides	<ul style="list-style-type: none"> ●Essential Learning objectives were reviewed and added to the curriculum ●Short PD sessions with Dodd and H.S. teachers for curriculum alignment ●Video ,Photography, newsprint, Tech theater, Adult Roles have integrated with the core curriculum ●Jeff Goodin serves on Technology district committee ●Revised performance standards to express Essential learning goals and meet CPG requirements 	<ul style="list-style-type: none"> ●Continue revisions on curriculum to match state standards and course restructuring ●Continue collaboration with Dodd and high school teachers ●Seek additional opportunities to integrate curriculum with core subjects ●Have Jeff Goodin remain on the Technology District committee ●Expand curriculum to meet the needs of future job opportunities ●Continue review and revisions to reflect performance standards
Texts, Manipulative, Technology	<ul style="list-style-type: none"> ●7-8 now broadcasting podcasts ●Guidelines developed to have student work on channel 16 and the internet ●Grants from DPUC, Perkins, Peck Jones 	<ul style="list-style-type: none"> ●High school to launch Podcasts ●Monitor student work on channel 16 and internet- Constantly revise guidelines ●Continue to seek or grant possibilities from other sources (CBIA, ITEAE)
Organizing for Instruction	<ul style="list-style-type: none"> ●Room 7 reconfigured for use as a culinary kitchen ●Each Applied Technology teacher will be assisting the Dept. Chair to develop a 5-Year Plan for program improvement (i.e. curriculum enhancements, physical space development, equipment needs) 	<ul style="list-style-type: none"> ●Expand curriculum to utilize room 7 ●Constant review of 5 year plan (i.e. curriculum enhancements, physical space development, equipment needs)
Assessment	<ul style="list-style-type: none"> ●Addition of School Tube and Rampage.com ●9-12 Common Assessments have been reviewed , revised and implemented 	<ul style="list-style-type: none"> ●Continue to investigate other possibilities for parent interaction ●Need to analyze data on Common Assessments and implement Common Formative Assessments
Professional Development	<ul style="list-style-type: none"> ● presentation by Matt Planeta on podcasts and vodcasts completes during PD day 2010 ●professional visitations as available ●Grant writing techniques not reviewed to date. ●Teachers have attended State conference for Tech Ed ●PLC meetings have continued in area of Video 	<ul style="list-style-type: none"> ●Look at options for Podcasts from high school ●Continue with professional visitations ●Seek Grant writing techniques ●Continue attending State and National conferences ●Continue PLC meetings to develop, implement, and analyze data

	What will be
Curriculum, Objectives, Guides	<ul style="list-style-type: none"> • The department will use the PD days and the fourth Tuesday of the month, to revise the changes made in the curriculum to meet the CCSS and STEM guidelines into Atlas. • The department will meet, twice a year, with the department chairs/division leaders of math and science to discuss commonalities within the curriculums. • The department will meet, twice a year, with guidance counselors to discuss post-secondary connections, i.e. school-to-career initiatives.
Texts, Manipulative, Technology	<ul style="list-style-type: none"> • The Macintosh lab will be updated in 2014-2015, as proposed in the CHS technology budget. • Develop a five year plan of technology needs with input from all members of the department.
Organizing for Instruction	<ul style="list-style-type: none"> • Mr. Goodin and Mr. McKeown will design a layout for facility and equipment improvements for room 107. Each line item will have a budgeted amount to be submitted for the 2015/2016 budget season. • Mr. Planeta will design a layout for facility and equipment improvements for the video lab at Dodd. Each line item will have a budgeted amount to be submitted for the 2015/2016 budget season.
Assessment	<ul style="list-style-type: none"> • Review Perkins “concentrator” results and develop an action plan for improving student understanding. Action plan to be completed during summer curriculum work.
Professional Development	<ul style="list-style-type: none"> • The 7-12 CTE department will meet twice a year to align department goals from middle to high school. • Establish a committee to research existing K-6 CTE programs in the state of Connecticut. • Each CTE teacher will be provided one professional development day to visit professional businesses in their field of study.

TEXTBOOK INFORMATION

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Level/Course	Curriculum Last Update	Title of Textbook Used	Date of Publication
Grade 8 – Computer Science	2012	N/A	N/A
Grade 7 – Tech Ed	2007	N/A	N/A
Grade 8 – Tech Ed	2010	N/A	N/A
Web Design	2014	N/A	N/A
Tech Theater 1 and 2	2015	None	N/A
Tech Ed-Research & Design	2015	N/A	N/A
Res. Design/Structures	2008	Modern Carpentry	N/A
Graphic Design	2014	Web resources	N/A
Tech Ed – Video Communications	2014	Various	N/A
Tech Ed. – Advanced Video communication	2014	Various	2003
Principles of Technology	2006	Principles of Engineering	2012
Engineering CAD	2013	Mechanical Drawing	1985
Architectural Design	2014	Architecture	2014
Photography 1	2014	web resources	N/A
Newsprint Production	2013	N/A	N/A
Game Design	2014	N/A	N/A
Culinary Arts/Food Service/Patisserie	2006	The Culinary Professional	2017
Foods/ Nutrition/ Wellness	2014	The Culinary Professional	2017
Child Development	2014 and 2014	Contemporary Living	2004
		Children: The Early Years	2004
		Development through Life	2003
Bioengineering	2015	Web resources	N/A