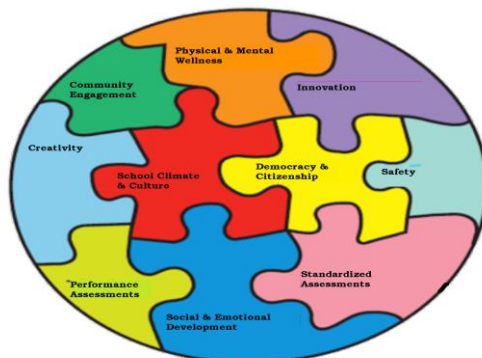




SACHEM CENTRAL SCHOOL DISTRICT  
*We Are Sachem*



*CTE High School Programming*

*November 1, 2017*

## Inspiring Students Through CTE

Teachers from various disciplines inspiring students to use specific skills and processes to explore what they learn more deeply, solve problems in innovative ways and create new things.



### **The Four Cs:**

**Communication, Collaboration, Creativity, Critical Thinking**

Formerly known as "21st Century Skills," The Four Cs help students be more engaged in their lessons, learn to work together more effectively and tackle challenges in ways that reflect the modern workplace.

## *Preparing Students for College, Careers, Citizenship, and Life*

A major study (Conley, 2005) of what it takes to succeed in entry-level college courses found the following general "habits of mind" to be key, along with subject-specific knowledge and skills:

- ▶ Critical-thinking skills
- ▶ Analytical-thinking skills
- ▶ Problem-solving skills
- ▶ Open to and utilizes critical feedback
- ▶ Open to possible failures at times
- ▶ Clear and convincing written and oral expression
- ▶ Can weigh sources for importance and credibility
- ▶ Can draw inferences and reach conclusions independently
- ▶ Time management skills



**ESSENTIAL  
QUESTION**

What are the essential parts to a community?

What factors contribute to building a successful community?

What are the skills that every citizen needs to contribute to their community?

# TECHNOLOGY

~The application of scientific knowledge for practical purposes, especially in industry

~To create literate citizens who are systems orientated thinkers



## *Career Pathways-Technology*

### Overview

- ▶ Architectural Drawing
- ▶ Mechanical Engineering
- ▶ Electrical Engineering
- ▶ Construction
- ▶ Communication
- ▶ Transportation



### Course Highlights

- ▶ 3D printing/Computer Aided Drawing
- ▶ Engineering Technology
- ▶ Rocket and Aircraft Design
- ▶ Audio Systems
- ▶ Computer Repair
- ▶ Robotics
- ▶ Professional Photography





## Career Pathways-Business

### Overview

- ▶ Personal Finance/Stockbroker
- ▶ Accounting
- ▶ Marketing
- ▶ Management
- ▶ Entrepreneur



### Course Highlights

- ▶ Virtual Enterprise
- ▶ Business Law
- ▶ College Accounting
- ▶ College Marketing
- ▶ Sports and Entertainment Management
- ▶ International Business
- ▶ Wall Street: Investments



## Family & Consumer Sciences

# Skills for Life

**Department Chairperson:  
Mary Faller**



*Our mission for Family & Consumer Sciences Education is to prepare students for family life, work life, and careers in Family & Consumer Sciences by providing various courses and opportunities to develop the knowledge, skills, attitudes, and behaviors needed to appreciate human worth and accept responsibility for one's actions and successes in family, work life and citizenship.*

## Career Pathways~Family and Consumer Science

### Overview

- ▶ Fashion
- ▶ Education
- ▶ Psychology/Counseling
- ▶ Management in Food Industry
- ▶ Interior Design
- ▶ Hospitality \* 18/19

### Course Highlights

- ▶ Sewing and Textiles
- ▶ Child Development
- ▶ Psychology
- ▶ Baking and Pastry
- ▶ Cosmetology
- ▶ Housing and Interior Design



## Electives in FACS

### Career Pathway in *Hospitality*

Available grades 9-12

### Introduction to Hospitality\*

This new course is designed to provide students with an introduction and a basic understanding of the hospitality industry.

***\*Articulation agreement offers 11<sup>th</sup> and 12<sup>th</sup>  
3 credits through St. Joseph's College***



## Questions?



SACHEM CENTRAL SCHOOL DISTRICT  
*We Are Sachem*