CTE DEPARTMENT

Business
Family & Consumer Science
Technology

BUSINESS DEPARTMENT

- **College Courses -- DTP, Accounting, Finite Math**

- **Business Ownership -- DECA**

- **COOP -- ½ and Full credit option**

- **Business Law, Sports & Entertainment Marketing**

BUSINESS DEPARTMENT

DECA - 36 Members

8 Regional Awards -- 6 State Top 10's

FAMILY CONSUMER SCIENCE-Ms. Young

21 st Century Grant -- Cooking class, Gingerbread House, Spaghetti Sauce Cook-Off

Food Prep -- Segment of Chopped - Food Trucks

Clothing & Textiles - Pajama Pants
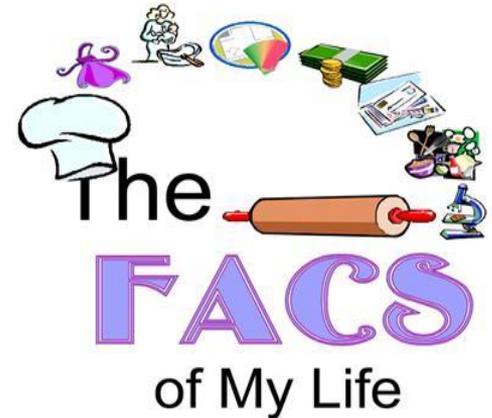
Culture & Foods - Exploring other Nations Cuisine

WEGMANS

FAMILY CONSUMER SCIENCE--Mrs. Cole

- ★ **6th Grade Home and Career Skills**
  - ○ **Nutrition**
  - ○ **Cooking**
  - ○ **Baking**
- ★ **7th Grade Home and Career Skills**
  - ○ **Sewing**
  - ○ **Career Research**
  - ○ **Savings and Finance**

TECHNOLOGY - Mark Weston

- **OCC College Credit Course**:
  - DDP/MET-161: Engineering Drawing - topics include; the design process, technical drawing, Google Sketchup, AutoCadd, Inventor, 3D printing, CNC machining, problem solving.
- **Skilled Trades Courses**
  - Materials Processing, Land Transportation, Residential Structures
  - Students are introduced to the skilled trades and provided basic skills necessary to continue on as a lifelong hobbyist, or explore further educational opportunities through BOCES, professional apprenticeship programs or higher education.
- **Computer Science Courses**
  - Introduction to Computer Science, Coding: Games and Apps and Electricity & Electronics
  - Students can explore all realms of computer science, learn JavaScript, and utilize microcontrollers in making circuits interact with each other to create complex devices.

TECHNOLOGY - Steve Devendorf

- **OCC College Credit Courses: ½ year credit**
  - Digital Photography - 4 Sections per year
  - Alternative Processes/B&W Photography - 4 Sections per year
  - These courses continue to be very popular for students and enrollment remains strong every year.
- **Computer Graphics 1 & 2**
  - Introductory courses for students interested in exploring the field of Graphic Design which includes the software predominantly used by professionals.
- **Media Graphics Club**
  - Responsible for recording and providing the daily televised announcements.
  - Three announcement crews and production support staff.

TECHNOLOGY - SMS - Mr. Kulibert

All activities designed to meet NYS Standards while empowering students with skills for a successful future. Solvay students are lucky as our program offers students the chance to develop digital literacy as well as hands-on skills.

- **Grade 7:**
    - **Teamwork & Problem Solving Focus - soft skills development**
    - **Basic Processing Skills - tools and machine skills implemented toward project based learning**
    - **Design & Build - student directed activities - empowering students with choice**
- **Grade 8:**
    - **Design Focus - implementing the problem solving process**
    - **Strengthening and developing individual skills based on interests**
    - **Analysis & inquiry - designing & building with purpose, implementing feedback loop to make informed decisions**

TECHNOLOGY - SMS - Mr. Kulibert

- **B.E.S.T. Program - Mixed Tech:**
    - **Student-directed learning & enrichment opportunity**
    - **Fun with Minecraft, Robotics, Virtual Reality, & Coding**
    - **New for 2019-20: Possible design & build workshop activities**
- **NEW Virtual Reality - Oculus Rift:**
    - **Students experience virtual reality technology, some for the first time**
    - **Design & 3D printing curriculum opportunities being developed**
- **NEW Accelerated Course: Introduction to Computer Science:**
    - **20 week elective, 14 students enrolled**
    - **Offered as a high-school credit-bearing option during lunch for grade 8**
    - **Students learning about computers, hardware, software, coding**
- *Future Plans:* **Continue to expand offerings & broaden the range of opportunities available to our students.**