



Onondaga-Cortland-Madison BOCES 2018 Annual Report



Message from the District Superintendent:

This is an extraordinary year for OCM BOCES, our 70th anniversary. In 1948, the year of our inception, Baby Boomers were buying pre-fab homes, marveling at a rare device called a “TV,” trying a new game called Scrabble and tapping their toes to one of the biggest pop stars of all time, Bing Crosby. In Europe, our friends and foes were reeling and rebuilding from the atrocities of World War II.

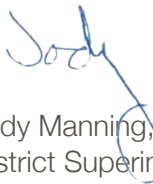
In Albany, lawmakers had a different problem. They wanted to act on a law that would allow small, rural school districts to share resources and provide services that otherwise would have been uneconomical, inefficient, or unavailable. Hence, BOCES was born. It was a temporary measure, at first, but it did not take long for this “interim” educational agency to proliferate. By 1958, there were 82 BOCES across New York State. With consolidations, including our own union with Cortland in 1986, we now have 37 BOCES serving nearly 700 school districts.

Just think: BOCES was a big deal before interstate highways, the Beatles and the internet. We existed through the Cold War, Vietnam, Civil Rights, Watergate, 9/11 and so many cringe-worthy style trends, from beehive hairdos to nylon track suits. We have survived and thrived for 70 years for a simple reason: Our model of shared services works.

Today, BOCES is powered by our partnerships with school districts, higher education and local business. We serve as the regional hub for issues that require us to come together, as one, to tackle them head-on. Many of those issues rose to the fore in 2017-18: school safety, mental health and a new wave of academic standards.

Seventy years ago, BOCES was born. Over time, we have served our districts and communities as educators, facilitators, collaborators, innovators and workforce providers. We still offer traditional programs — culinary arts, auto tech and construction, to name a few — that put ageless and valuable skills into the hands of our youth. At the same time, the BOCES of today offers trailblazing programs that allow students to work side-by-side with career professionals and earn college credit. As we like to say, this is not your parents’ BOCES.

OCM BOCES can reflect on its history with a great deal of pride, but it can also look to its future with confidence and enthusiasm. That’s because our model for success, including our partnerships with you, have stood the test of time.



Jody Manning, Ed.D.
District Superintendent and CEO, OCM BOCES

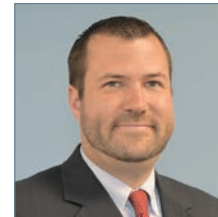
OCM BOCES Leadership



Jody Manning, Ed.D.
District Superintendent & CEO



Andrew DiBlasi
Assistant Superintendent for
Administration



Christopher DiFulvio
Assistant Superintendent
for Instructional Support
Services



Colleen Viggiano
Assistant Superintendent for
Student Services



Pamela Mazzaferro
Director, Central
New York Regional
Information Center



Joseph Bufano, Esq.
Human Resources
Director/School Attorney

A Letter from the Board President

It's our 70th anniversary! Congratulations to all on a very successful enterprise and to everyone, past and present, who has made it a winning venture. Boards of Cooperative Educational Services (BOCES) were first established by New York State law in 1948. Our 70th anniversary is an awesome milestone and a platinum event for all 37 BOCES in New York State.

Our 70th anniversary recognizes a successful educational cooperative that continually provides needed services (with proven results) for occupational, special education and adult education students, as well as programs and services for our component districts. This cooperative formula has proven to be cost-effective and efficient for all of our districts and their communities.

In Central New York, Cortland-Onondaga (CO BOCES) and Onondaga-Madison (OM BOCES) merged in 1986 to become 23 component districts recognized as the Onondaga-Cortland-Madison BOCES (OCM BOCES). All districts receive state aid when they use BOCES services for a variety of educational needs.

Throughout the years, our OCM BOCES locations have changed, but our mission has remained the same. Some of these names might sound familiar to you: McEvoy, Henry, Lakeside, Zogg, Crown Road, Port Watson Street, St. Mary's/Bridges, St. Cecilia's/Alternative School, Main Campus and many leased sites.

Our locations are important, but it has always been the PEOPLE who have made BOCES a continuous success, beginning with students, teachers, staff, district superintendents, component staff and members of our component and BOCES boards of education.

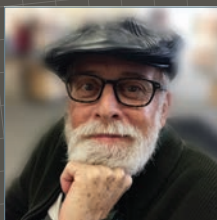
It has always been a privilege to serve with such committed and dedicated educators. Congratulations to all who have been involved in this movement during the past 70 years. I look forward to another successful year, with many more to follow.

V. Ann Wright

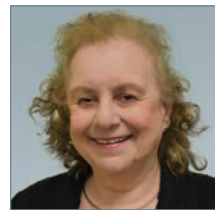
V. Ann Wright
OCM BOCES Board of Education President

Remembering Bill Pedrick

William A. Pedrick, 70, a six-year member of our OCM BOCES Board of Education, died February 21, 2018, after a long and valiant battle with cancer. We are grateful for Bill's caring and dedicated service to the students and staff in Cortland, Homer and the entire BOCES region.



OCM BOCES Board of Education



V. Ann Wright
President
Jamesville-DeWitt &
Fayetteville-Manlius



Wayne Brownson
Vice President
East Syracuse Minoa



Robert Crabtree
North Syracuse



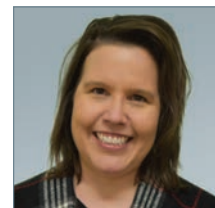
Mark Gilbert
DeRuyter, Cazenovia &
Chittenango



Luke Morenus
Cortland & Homer



Michael Murphy
Liverpool



Lisa O'Reilly
Westhill, Lyncourt, Marcellus,
Onondaga & Solvay



David Paczkowski
West Genesee



Margaret Peri
McGraw, Marathon &
Cincinnatus



Joan Reeves
Baldwinsville



Maryam Wasmund
Fabius-Pompey, LaFayette & Tully

Fueling Central New York's Economy

We are "Economic Champions"

Today, OCM BOCES is powered by our partnerships with 23 component school districts and close relationships with higher education and local business. This is why we want to share our recent recognition as a 2018 "Economic Champion" **with you** — because all of us, working together, are committed to providing high-quality education and excellent workforce training opportunities for the children and young adults in our communities.

The CenterState Corporation for Economic Opportunity (CenterState CEO) nominated OCM BOCES for this award. Recipients of the award successfully fueled the economy in one or more of the following categories:

- Hiring new employees
- Expanding, relocating or making capital investments due to growth
- Receiving a local, state or national award
- Celebrating a significant milestone or anniversary

During the 2017-18 school year, OCM BOCES expanded its services, invested in its facilities and launched a yearlong celebration of a very significant milestone — our 70th anniversary in New York State. On October 30, 2018, OCM BOCES and 301 other outstanding businesses and organizations were recognized at the OnCenter for their accomplishments. Thank you again for supporting OCM BOCES and allowing us, together, to be recognized as an "Economic Champion" among so many highly respected businesses and organizations in the region.

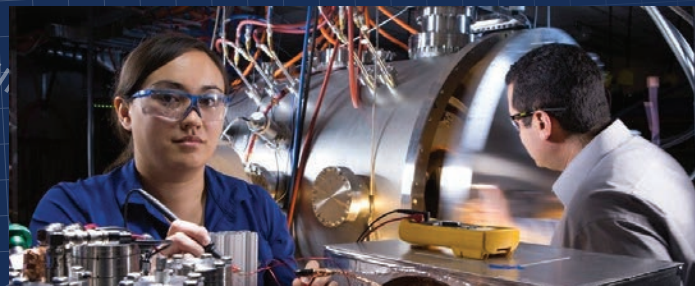


Coming in 2019: New Vision Engineering Professions at Lockheed Martin

OCM BOCES is excited to announce a new partnership with Lockheed Martin that will result in a one-of-a-kind engineering program for high school seniors, one that puts them side-by-side with Lockheed professionals at the Electronics Park campus in Salina.

The program, called New Vision Engineering Professions, will be an engineering immersion program geared toward highly motivated seniors. Students will work with Lockheed engineers on projects in aerospace, defense, security and advanced technologies.

In addition to having an invaluable experiential learning opportunity, students will also be able to earn college credits through Onondaga Community College (OCC).



"We are thrilled to partner with Lockheed Martin and OCC to provide this amazing opportunity for students," said OCM BOCES District Superintendent Jody Manning. "It will certainly be a win-win for our students, our community and employers like Lockheed Martin who are always seeking creative and highly-qualified engineers to build a first-rate workforce."

LOCKHEED MARTIN

CTE Alumni Hall of Fame

Graduates Recognized for Giving Back

In June of 2018, OCM BOCES recognized the accomplishments of two outstanding alumni by inducting them into the OCM BOCES Career and Technical Education (CTE) Alumni Hall of Fame, which was established in 2011 to honor individuals who graduated from CTE programs and who demonstrate leadership in their field.

The 2018 inductees are Mark DiMorier and Robin Macaluso:

Mark Dimorier, a 1989 graduate from Construction Technology, is the principal of McGraw High School. As a high school principal, Mark is a living testament to the value of a career and technical education. The professional skills he acquired in the CTE program have served Mark well as a school and community leader.



As a former CTE student, Mark has the ability to communicate effectively, collaborate successfully, solve problems, model a strong work ethic and exhibit a caring and compassionate approach with students and community members. He is a consistent supporter of OCM BOCES CTE programming and encourages students to explore career paths in support of their passions.

Robin Macaluso is a 1987 graduate of the OCM BOCES Computer and Office Technologies Program. She currently serves as program director of Leadership Greater Syracuse, the area's most comprehensive civic development training organization. In her role as program director, she is responsible for recruiting, interviewing and recommending program participants.



She serves as the lead coach in the planning and execution of all aspects of the organization's flagship program.

Robin is a true leader who teaches others how to become leaders. She coaches approximately 50 program participants each year and gives credit to OCM BOCES with making her the person she is today. Through her work, she ensures that everyone has a voice that gives them the opportunity to grow and learn. She is an advocate for OCM BOCES and is proud to tell others, "We are fortunate to have these programs and services right here in our community."

1948

BOCES is born.

In 1948, to help rural school districts share resources, state lawmakers created Boards of Cooperative Educational Services. In reality, legislators thought cooperative boards would be a temporary measure until autonomous, "intermediate" school districts could be formed.

But that never happened. Not one intermediate district was established, and cooperative boards proliferated rapidly. Today, 37 BOCES across the state provide shared programs when two or more school districts determine similar needs. These programs allow districts to pool resources and save money.

What else was going on in 1948?

- Harry S. Truman was president.
- The average annual income was \$2,960.
- The Cleveland Indians were World Series Champions ... for the first and only time.
- Movies such as "The Three Musketeers," "Key Largo" and "The Red Shoes" hit the big screens.
- Samuel Jackson, Alice Cooper and Olivia Newton-John were born.

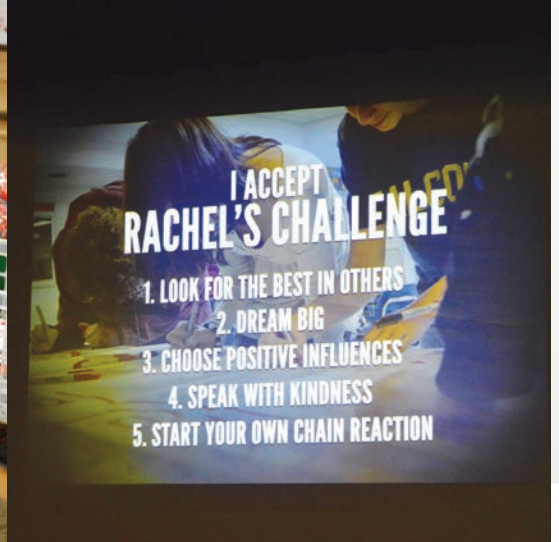
BOCES in the Forties

In January 1949, the first local BOCES meeting took place in Onondaga County. A year later, in 1950, the BOCES annual budget was \$19,974. The founding district superintendents of BOCES worked with shoestring budgets but had huge visions for the region. They developed strong partnerships with districts that resulted in quality educational programs to students regardless of the wealth, size or geographic location of the district. Today, with a \$136 million budget in 2017-18 for 23 component districts, BOCES has changed and responded to district needs, looking far different than it did 70 years ago.



“The atmosphere changed tremendously. You were like a family in FOR Club, and you stuck by each other. When I graduate and go off to college, FOR Club is still going to have a place in my heart because of the impact it had on me and all of us.”

- Adrien Ratliff, DeRuyter



Rachel's Challenge

Creating a 'Chain Reaction' of Kindness

In a movement that is now expanding into its second year, students and staff across OCM BOCES have embraced "Rachel's Challenge," a national program that promotes a culture of kindness, respect and compassion in schools and communities.

Rachel's Challenge stems from the deadly Columbine High School shooting in Littleton, Colorado, on April 20, 1999. In that tragedy, two armed teens killed 15 people and wounded 20 others before taking their own lives. Rachel Joy Scott was the first victim of the shooting.

"We know this program has made a huge impact in our schools as well as schools and communities across the country," said Colleen Viggiano, the OCM BOCES Assistant Superintendent for Student Services. "It is especially significant because our theme for these past two years — 'culture counts' — emphasizes the importance of making everyone feel safe, respected and welcome, which in turn makes them open to learning."

Rachel's Challenge came into existence after family members discovered six of Rachel's journals and other writings that espoused her values of kindness, compassion and respect. One essay in particular suggested a single act of kindness during routine, day-to-day interactions could set off "a chain reaction" of positive behavior toward others.

At OCM BOCES, students and staff signed their names to Rachel's Challenge banners in 2017-2018 and worked together to establish Friends of Rachel (FOR) and Kindness and Compassion (KC) Clubs. Dozens of activities followed: snack bags, free clothing closets, "high five" Fridays, positive messages, gratitude letters, visits to nursing facilities, fundraisers and more. This year, students and staff are reconvening their clubs to combine new and old ideas.

So far, students across all programs say Rachel's Challenge has resulted in a notable shift in attitude among their peers, with fewer put-downs, more respect toward others and a sense of purpose in making others feel happy and appreciated.

Year Two Challenge:

LEAVE A LEGACY OF KINDNESS
SHOW COMPASSION
PRACTICE PRE-ACCEPTANCE
LEARN FROM YOUR MISTAKES
FORGIVE YOURSELF AND OTHERS

1950s



1950

Walter Cronkite joins a young and growing CBS News television division, eventually becoming head anchor of *CBS Evening News*, a role he would fill until 1981... and *that's the way it is*.

1952

The *Moondog Coronation Ball*, widely accepted as the first rock 'n' roll concert, is held in Cleveland but is cut short due to venue overcrowding.

1954

Brown vs. Board of Education, the landmark U.S. Supreme Court case declaring separate public schools for black and white students, is declared unconstitutional.

1956

A young Elvis Presley releases *Heartbreak Hotel*, which would become a No. 1 hit. Elvis would go on to become one of the most influential and celebrated musicians of the 20th century.

BOCES in the Fifties

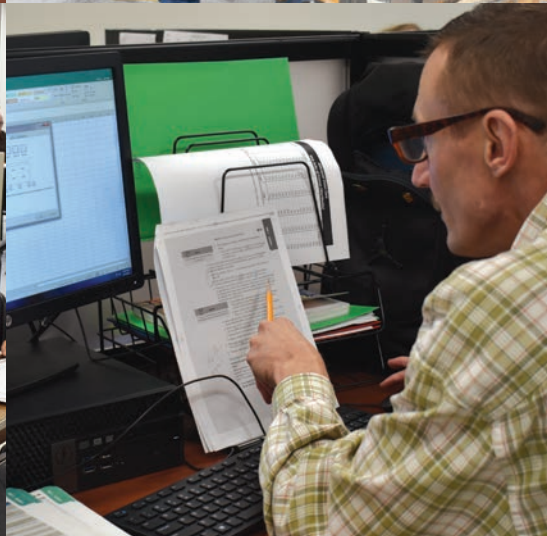
In 1953, there were 51 BOCES based on geography and population distribution. By 1958, 82 BOCES had been formed. This number has declined over the years as supervisory districts merged. Currently, 37 BOCES exist in New York State.

In 1955, each BOCES was authorized to rent facilities, allowing the establishment of specific sites for occupational education programs. In addition, all component districts were required to bear BOCES administrative costs.



“We will touch the lives of so many others and make the world a better place.”

- LPN graduate Kelsey Abelgore-Barycki, July 2018



Student Services

Adult Education

National Accreditation

The OCM BOCES Adult Education program achieved a significant honor in 2018: accreditation from the Council of Occupational Education (COE), which denotes “a nationally-honored seal of excellence for occupational education institutions and denotes honesty and integrity,” according to the COE website. COE, in turn, reports to the U.S. Department of Education that OCM BOCES is a program in good standing. Adult Education Director Mari Ukleya said the rigorous accreditation process allows OCM BOCES to provide financial aid for its short-term vocational training programs.



Literacy Gains

Adult Education increased enrollment by 15% for students in literacy and high school equivalency programs. The initial goal was a 5% increase. In all, 981 adults received literacy training in 2018.

Workforce Preparation

Our Adult Education programs trained 766 adults in 2017-18 through short- and long-term workforce development courses. Five of the most notable businesses that received employee training included Pall Corporation, PeopleReady, Gutches Lumber, Manth Brownell and the Onondaga County Water Authority.

By the Numbers

981

students participated in OCM BOCES literacy programs

170

students were English Speakers of Other Languages

75

students earned their high school equivalency diploma

1960s

1961

Construction of the Berlin Wall in Germany begins. The wall would physically divide Berliners in East and West Berlin until 1989.

President John F. Kennedy speaks before Congress of “achieving the goal, before this decade is out, of landing a man on the moon and returning him safely to the Earth.”

1964

The Civil Rights Act of 1964 is enacted, outlawing discrimination based on race, color, religion, sex, or national origin. It also serves to prohibit voter registration discrimination and racial segregation in schools, employment, and public accommodations.



July 20, 1969

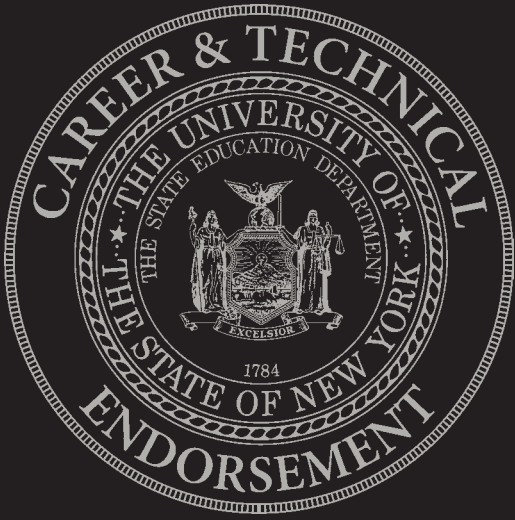
After President Kennedy’s decree of 1961, America succeeds in landing a man on the moon. Astronaut Neil Armstrong becomes the first person to set foot on its rocky and dusty surface.

BOCES in the Sixties

In Central New York, a successful referendum in the spring of 1968 paved the way for construction of the new McEvoy Education Center on state Route 13, now called our Cortlandville Campus. Although BOCES put most of its attention on vocational education, it also began to offer full special education programs after 1967, in line with public attitudes and laws that supported including special-needs children in public schools.



Kayla Helfeld, an OCM BOCES Cosmetology graduate from the Westhill Central School District, took 1st place, achieving State Champion status, in the New York State SkillsUSA Nail Care category for 2018. Kayla is now enrolled in Syracuse University's Pre-Pharmacy program. Despite her career aspirations, Kayla admits she has a passion for doing nails and has been doing them in her parents' basement for many years. "I know that this is something I'm always going to do. I just love it," she says.



Gold Key Winner
Cincinnatus senior Mary Rose won first-place in photography in the annual Scholastic Arts & Writing Contest. Rose and other winners were honored Jan. 11, 2018 at Onondaga Community College. Rose, a student in Tanya Komar's Graphic Communications class at the Cortlandville Campus, took a photograph from the haunting and vaulted ruins of Eastern State Penitentiary in Philadelphia.

Student Services

Career and Technical Education

OCM BOCES provided 18 rigorous Career and Technical Education (CTE) programs to more than 1,100 students from Syracuse- and Cortland-area high schools during the 2017-2018 school year. CTE programming provides students with the academic and technical skills, knowledge, training and the Regents High School diploma they need to succeed in future careers and to develop skills they will use throughout their lives. Students have the ability to earn college credits and take part in internship experiences while still in high school and to learn college and career-ready skills in a hands-on environment. Several OCM BOCES CTE programs have evolved by becoming “embedded” in local businesses, where students work side-by-side with professionals on real-world tasks.

Problem Solvers

Students in the OCM BOCES New Vision Environmental Science program in Cortland took third place and won \$250 in the 2018 CNY Innovation Challenge held April 7 at Onondaga Community College. Dakota Kleefeld (Homer) and Zane Potts (Marathon) converted Styrofoam — a major environmental problem — into a commercial insulation product. In their proposal, the students envisioned community drop-off locations for foam products that would later be chipped into pieces and pressed into boards with a binding agent. Prototypes for this idea utilized cheese wax as the

binding agent; one sample added Borax to aid in fire suppression and rodent control.

Home Show

Students from OCM BOCES Career and Technical Education (CTE) and Adult Education programs



were among hundreds of exhibitors to showcase products and services at the Central New York Home and Garden Show. The show is among New York's largest home and garden exhibits. OCM BOCES was pleased and proud to have been asked to participate as part of the show's inaugural “Building Tomorrow's Workforce” exhibit.

The intent of the exhibit was not only to showcase the behind-the-scenes work done in the construction industry, but to promote the jobs available in the field. Several CTE Construction Trades students helped promote the event in advance of the show with an appearance on “Bridge Street.”

Construction technology students spent time during the show constructing sheds to be raffled off to benefit Sarah's Guest House and Habitat for Humanity. During the four-day show, the students' work raised nearly \$3,000 for the two charities.

By the Numbers

1,111

students enrolled in CTE programs during 2017-2018 school year

263

students eligible for CTE Endorsements on their high school diploma

182

students inducted into the National Technical Honor Society

“We went from wondering and worrying, ‘Is Sam going to be able to go to college?’ to feeling like, ‘Oh my gosh, Sam is going to be so well prepared and equipped to go to college and be very successful.’”

- Jennifer Turck, mother of Sam Turck, Homer



Student Services

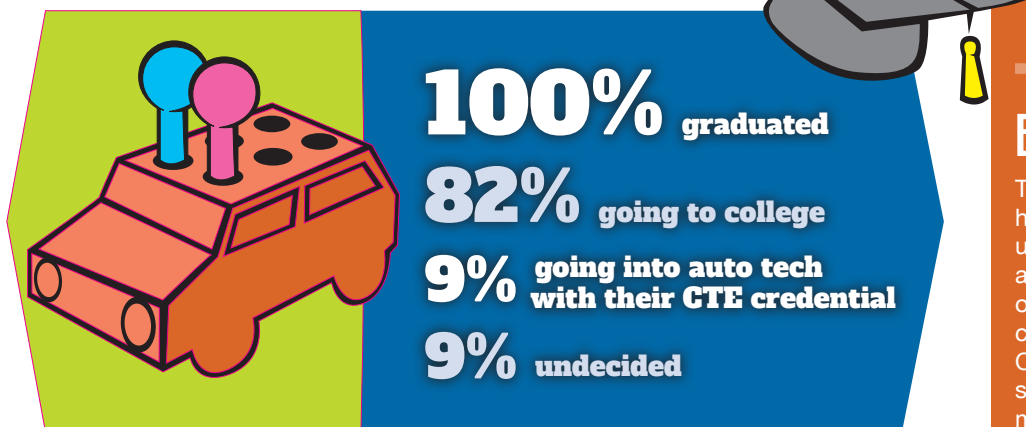
Innovative Education

Innovation Education programs thrived during the 2017-18 school year, serving 604 students from our 23 component districts. In our high school programs, the graduation rate increased 7 percent from the previous year, rising from 80 percent in 2016-17 to 87 percent in 2017-18. Fifty-eight Innovative Education students celebrated their high school graduations in June.

Innovation Tech, the first New Tech school in Central New York, celebrated its first official graduating class on June 19, 2018, with 22 seniors walking across the stage inside Onondaga Community College's Storer Auditorium. All 22 had joined the program as freshmen. See the chart below for their impressive plans after high school.

Seven Valleys New Tech Academy celebrated its third year in Cortland in 2017-18 with 58 students in grades 9-11. This year, 70 students in grades 9-12 are attending Seven Valleys, our second New Tech school in the region. Like other New Tech schools, Seven Valleys is distinguished by 1:1 technology, small class sizes, teachers who facilitate rather than lecture, students who shape their own culture, real-world projects, and a focus on college and career that includes up to 35 college credit opportunities for students through Tompkins Cortland Community College.

Where Are They Going? Innovation Tech Graduates



1970s



1971

Walt Disney World opens in 1971 in Orlando, Fla.

Legislation bans cigarette ads from airing on television and radio.

1972

A break-in at the Democratic National Committee headquarters within the Watergate complex later unraveled to reveal that the conspiracy reached far into the Nixon administration.

1974

As the culminating event of the Watergate scandal, President Richard Nixon resigns from office, leaving Vice President Gerald Ford to assume the role of President.

1976

Jimmy Carter becomes the 39th President of the United States.

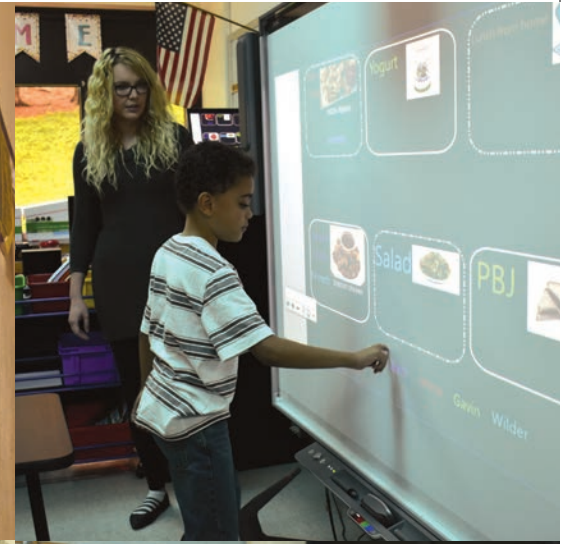
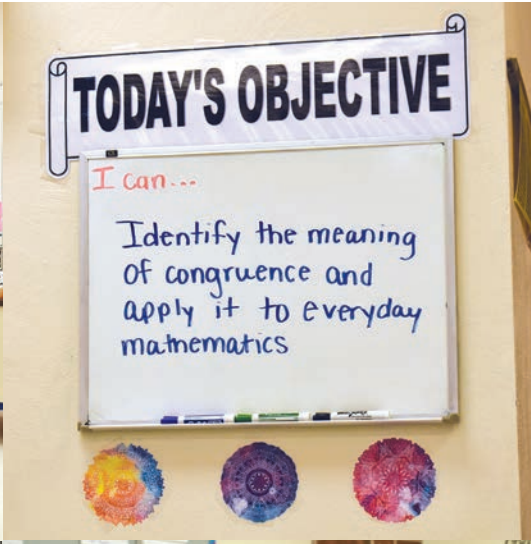
America's Bicentennial is celebrated.

1977

"A long time ago in a galaxy far, far away..." The epic space opera "Star Wars" opens and quickly becomes a worldwide pop culture phenomenon.

BOCES in the Seventies

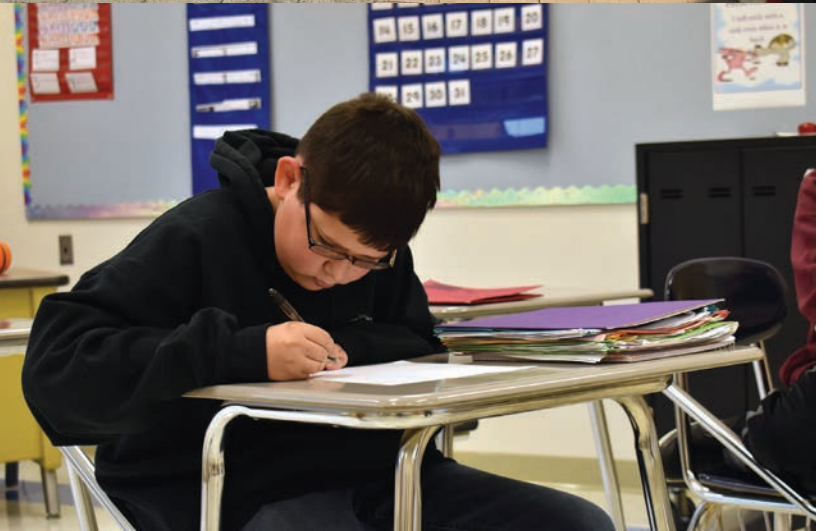
The Onondaga-Madison BOCES was housed in three buildings no longer used today: Courtview Center, Adler and Lakeside. Many of the vocational offerings still exist today, such as carpentry, cosmetology, and welding. Others offered back then — appliance servicing, offset lithography, and hotel-motel management — disappeared with the changing times.



OCM BOCES is committed to working with our component districts to provide the least restrictive environment possible for students with special needs.



SKATE students donate to Golisano



Student Services

Special Education

Integrating with Peers

OCM BOCES is committed to working with our component districts to provide the least restrictive environment possible for students with special needs. This commitment allows students in special education programs to integrate with typical peers and enjoy more opportunities than those afforded in center-based programs. In 2017-2018, OCM BOCES set a goal of transitioning 10% of our students into a less restrictive environment. By the end of the school year, 18% had moved to less restrictive settings.

Preparing for Post-Graduation

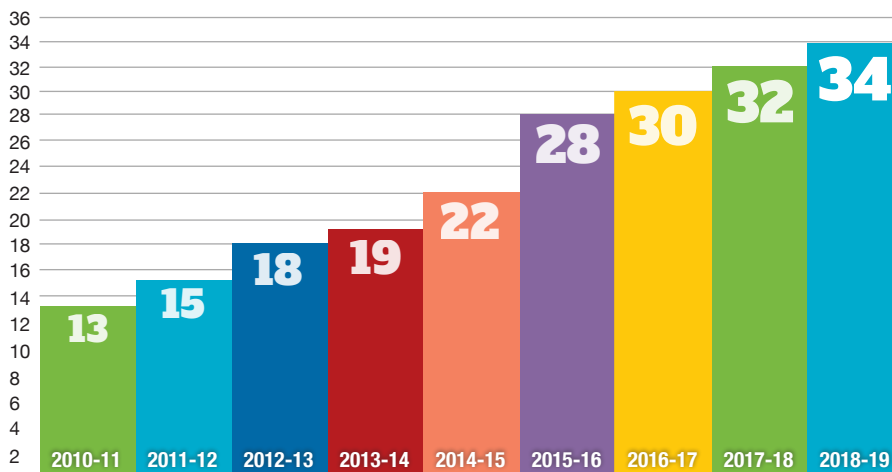
Working with our partners in business and higher education, 19 students in our college-based Transitions program and eight students in our School to Work program gained valuable experience in jobs aimed at preparing them for work or volunteer positions after graduation. Students at Onondaga Community College and SUNY Cortland worked in cafeteria kitchens, book stores, libraries, grounds and facilities, and other venues. Students in our School to Work program benefited from jobs in eight community businesses (including OCM BOCES) and non-profit organizations, with tasks ranging from cafeteria preparation to helping care for animals at the SPCA.

Connecting with the Community

About 20 special education students from the SKATE program at Cicero North Syracuse High School and our Transitions program at Onondaga Community College held a basket raffle that raised \$250 for sick and injured children at Upstate Golisano Children's Hospital. SKATE, an acronym for Scaffolding Kids' Abilities Through Education, serves students on the autism spectrum.

Special Education

Number of classrooms in school district buildings that host BOCES Special Education programs



1980s

1980

On May 18, a magnitude 5.1 earthquake triggered a massive eruption of Mount St. Helens that took 57 lives, flattened vegetation, and demolished buildings over 230 square miles.

1981

IBM introduces the IBM-PC personal computer, the IBM 5150. It sold for \$1,565 in 1981 (\$4,287.81 today).

1982

The highest unemployment rate since 1940 is recorded at 10.4%. By the end of November, more than 11 million people were unemployed.



1989

The Berlin Wall, after 38 years of restricting traffic between the East and West German sides of the city, begins to crumble when German citizens are allowed to travel freely between East and West Germany for the first time.

BOCES in the Eighties

With the support of Commissioner of Education Gordon Ambach, Onondaga-Madison BOCES and Cortland-Onondaga BOCES merged officially on July 1, 1986.

Later, the number of OCM BOCES Board members was reduced from 16 members to 11 members effective July 1, 1987.

A 1986-89 teachers' agreement with the OCM BOCES Federation of Teachers reveals the base pay for new teachers starting at \$17,325 in 1986-87 and rising to \$20,300 in 1988-89. A new teaching assistant in 1986-87 made \$8,500.



“When young people are educated about mental health, the likelihood increases they will be able to effectively recognize signs and symptoms in themselves and others and will know where to turn for help.”

- New York State Education Department



Instructional Support Services

Mental Health

The need to strengthen mental health in our schools has emerged as a major priority for educators in our OCM BOCES component districts and across the state.

On July 1, New York State made history by becoming the first in the nation to require schools to teach mental health to elementary and secondary students as an important aspect of their overall health and well-being.

“The intent is to decrease stigma, change attitudes and make students comfortable about identifying problems in themselves and others so they will seek help before serious consequences occur, including self-harm or addiction,” said Kristen Purcell, Assistant Coordinator for Innovative Teaching & Learning at OCM BOCES.

“I think we can all agree that the challenges of mental health can no longer be something we push off to the side and hope that our students learn on their own,” Purcell said.

Critical to the new curricula is helping students develop lifelong strategies for maintaining good mental health, which means giving them “a toolbox on how to regulate their emotions, how to build resiliency, and how to practice self-care so they know what to do when there’s a problem that’s a little too big for them to handle,” Purcell said.

OCM BOCES worked hard in 2017-18 to provide dozens of training opportunities and workshops for school administrators, teachers and other staff to address this issue. Programs included Mental Health First Aid (baseline education), Trauma-Informed Schools (approaching education through the lens of adverse childhood experiences), Responsive Classroom (focusing on the academic benefits of social-emotional learning) and the Community Resiliency Model (developing a skills-based approach to the effects of trauma).

This year, OCM BOCES organized a three-part leadership series to build collaboration and collegiality among districts. The goal is to help educators

in our region implement high-quality K-12 instruction and support for mental health and wellness. Topics included:

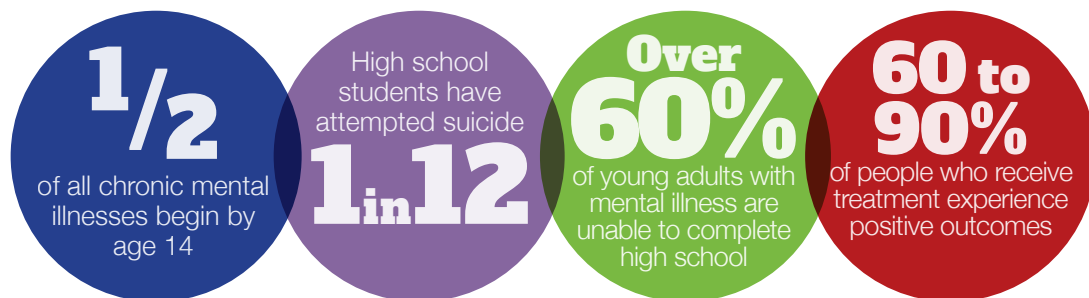
- Building background, developing common understandings and increasing knowledge
- Exploring the scientific basis for mental health and wellness, including brain responses to stress and trauma
- Providing effective mental health education and resources, including practical strategies for classroom implementation

In the long run, Purcell said, students and staff will benefit from a definition of “health” that includes a state of physical, mental and social well-being — not only absence of disease.

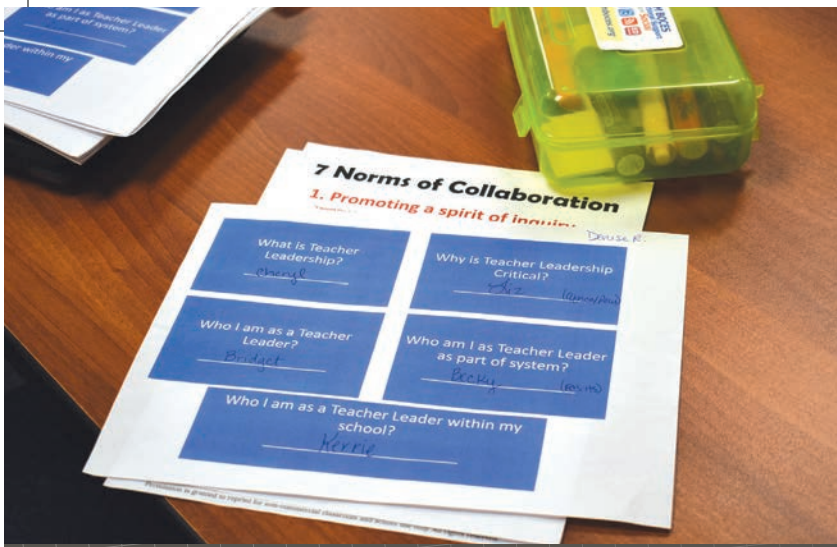
And it pays to start early. According to the Centers for Disease Control and Prevention (CDC), “focusing on establishing healthy behaviors during childhood is more effective than trying to change unhealthy behaviors during adulthood.” *

* Source: <https://www.cdc.gov/healthyschools/wsc/index.htm>

By the Numbers: Youth Mental Health



-Mental Health Association in New York State, Inc.



"I am seeing them blossom. I am seeing them develop broader perspectives. I am seeing them watch the moves that leaders make and having a greater understanding of that. I am seeing them think more about communication. I am seeing them think differently about the change process and how we make change happen."

- Marcellus Superintendent Michelle Brantner on the CNY Leadership Development Program



Instructional Support Services

Educational Programs

Building the Road to Educational Leadership

For the first time, OCM BOCES created the Central New York Teacher Leadership Program (CNY TLP) to build a strong foundation for aspiring teachers whose influence and expertise could extend well beyond their classrooms, whether it's mobilizing and engaging school staff or contributing to the district's larger educational goals. Eleven teachers are participating in this first-year program from Baldwinsville, Fulton and Marcellus.

Similarly, OCM BOCES continues to host the Central New York Leadership Development Program (CNY LDP) to assist and support potential educational leaders with real-life insight and strategies for achieving success. The CNY LDP program had 36 participants in 2017-18 and is continuing this year with the goal of updating it and enhancing it for 2019-20.

One district, Marcellus, has a strong contingent of 11 participants in the CNY LDP. That's because Marcellus Superintendent Michelle Brantner believes strongly in the lessons of leadership and the value that comes with tapping into the creativity of teachers, promoting them and using their exceptional skills to expand the ability of the district to provide meaningful experiences for students. For her, the results of the CNY LDP program have been apparent. She strongly recommends it to other districts. "The intent of this program — and the draw for me, as a superintendent — is to grow the capacity in my district for leadership," said Brantner.

Summer School Booms at OCM BOCES

A record 5,109 registrations for courses and Regents exams were received in the summer of 2018 for the BOCES-administered Regional Summer School. Our Educational Programs team, which falls under Instructional Support Services (ISS), offered summer school programs in four locations. "I am grateful for all the summer school administrators, staff and teachers who made it possible to offer students another chance to secure course credit and prepare for Regents exams and/or take initial courses," said Educational Programs Coordinator Pam Dowse.



1990s

1990

U.S. President George H.W. Bush and his Soviet counterpart, Mikhail Gorbachev, sign a treaty to eliminate chemical weapon production and begin the destruction of each nation's inventory.

1992

In a three-way race for the presidency of the United States, Democratic candidate Bill Clinton defeats incumbent President George H.W. Bush and businessman H. Ross Perot of the Reform Party.



1997

The Simpsons, a ribald cartoon about a family of misfits, becomes the longest running prime-time cartoon television series in history, surpassing the Flintstones.

BOCES in the Nineties

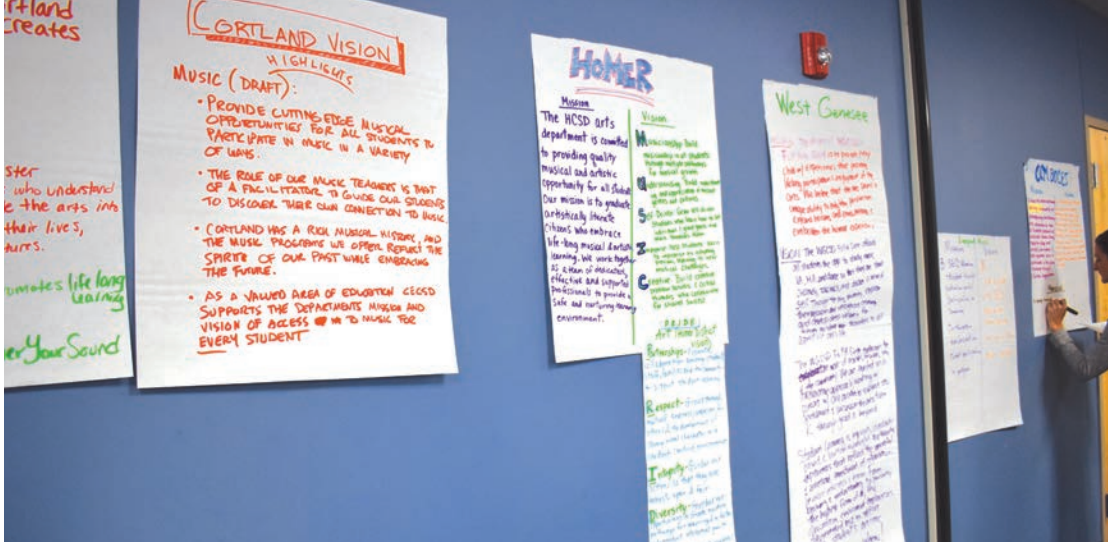
In the mid-1990s, a former Career Exploration program for at-risk junior high students had students constructing floats for the annual St. Patrick's Day parade in Syracuse. The float featured in the 1994-95 OCM BOCES Annual Report highlighted "The Ladies in Non-Traditional Careers."



New York State Learning Standards for the



TOGETHER WE • CREATE • PRESENT • PERFORM • RESPOND • CONNECT
PRODUCE



“This is the first time a team of fine arts teachers, leaders, and advocates has been assembled in Central New York. We are building regional capacity by strengthening teacher leadership and supporting school districts in the development of their vision for a high-quality art and music education for every child.”

- Ted Love

Director of Instruction
Homer Central School District



Instructional Support Services

Innovative Teaching & Learning

Unpacking the New Arts Standards

With the New York State Board of Regents approving new arts standards for the first time since 1996, OCM BOCES has created a new Arts and Music Leadership Group whose mission includes:

- Building regional collegiality around arts and music education in schools;
- Making arts and music programs relevant and accessible to all students; and
- Implementing the vision of the new P-12 Arts Learning Standards.

The overall goal of the new standards is to develop “artistically literate citizens” who have “the knowledge, skills, and understanding to actively engage in the arts throughout their lives,” Innovative Teaching & Learning Coordinator Jessica Whisher-Hehl said. The new standards include dance, music, theater, visual arts and a new category: media arts.

The new Arts Leadership Group is being co-led by Whisher-Hehl; Will Jones, the Regional Arts-in-Education Coordinator at CiTi (Oswego BOCES); and Ted Love, Director of Instruction in the Homer Central School District.

The new state standards are to be implemented in the current school year.

Number of professional development workshops provided by BOCES in 2017-18 through IT&L to improve instruction

179

1,338

Number of district staff who attended these workshops

Logo Flashback

Our BOCES logo has evolved over the past 70 years. Which ones do you remember seeing? How will it change in the future?





2018 STUDENT-LED MEDIA LITERACY CONFERENCE



OCM BOCES SLS
@OCMBOCESSLS

Following

And that, my friends, is a true example of an essential question. #medialitcon



Instructional Support Services

Student-Led Media Literacy Conference

Are screens making you sad? Can you spot bias in the media? Does fake news really exist? A typical conference at OCM BOCES might involve highly acclaimed speakers on all these subjects.

But last year, 102 students from 11 districts tackled all of these contemporary themes during the first-ever Student-Led Media Literacy Conference held May 11 at WCNY studios in downtown Syracuse. This year, another conference is planned for May 21.

The event marked a collaboration among students and staff in our Media Marketing Communications Career & Technical Education program embedded at WCNY and the OCM BOCES School Library System (SLS). Under the guidance of instructor Kathy Labulis, students at WCNY put out the call among our 23 component districts to have their peers give presentations on any pertinent or popular topic related to media literacy.

The result was a mix of student-run sessions that addressed the psychology of media literacy, practical ways to be a careful and thoughtful news consumer, and opportunities for media-loving students to offer an in-school “Genius Bar,” for example, or how to pursue a film career.

Among the examples:

- Students from Durgee Junior High School in Baldwinsville discussed the negative effects of too much screen time and how to determine which social media apps affect you most. Later, they helped their peers identify “stopping cues” to prevent sad or other negative feelings.
- Chris Costello of West Genesee explained steps for spotting bias in media sources, then had students conduct a side-by-side comparison of similar articles from different news sources.
- Carly Bastedo of Tully took a famous psychiatrist’s 1964 book, *“Games People Play,”* and applied it to today’s social media frenzy. Turns out, human interaction is much the same today as it was in the 1960s — only the medium has changed.

The only exception to the “student-led” theme of the program was a kickoff speech from Webster University professor Julia Smith, a media-literacy expert who visited multiple districts in 2017-18 and again this year through the work of the School Library System (SLS).

“We quickly decided to make this an annual event because the students not only took charge of organizing and running the entire workshop, they embraced a topic that will have a huge impact on their lives for years to come,” SLS Coordinator Doreen Bergman said.

2000s

2001

The World Trade Center Towers in New York City are destroyed and the Pentagon damaged in a series of coordinated attacks by the Islamic terrorist group Al-Qaeda. 2,996 people died and another 6,000 are injured.

2008

Michael Phelps, the United States swimmer from Baltimore, wins his eighth gold medal of the Beijing Summer Olympic Games, surpassing the record of seven won by Mark Spitz.



2009

Barack Obama takes the oath of office for President of the United States, becoming the first African-American president in the history of the United States.

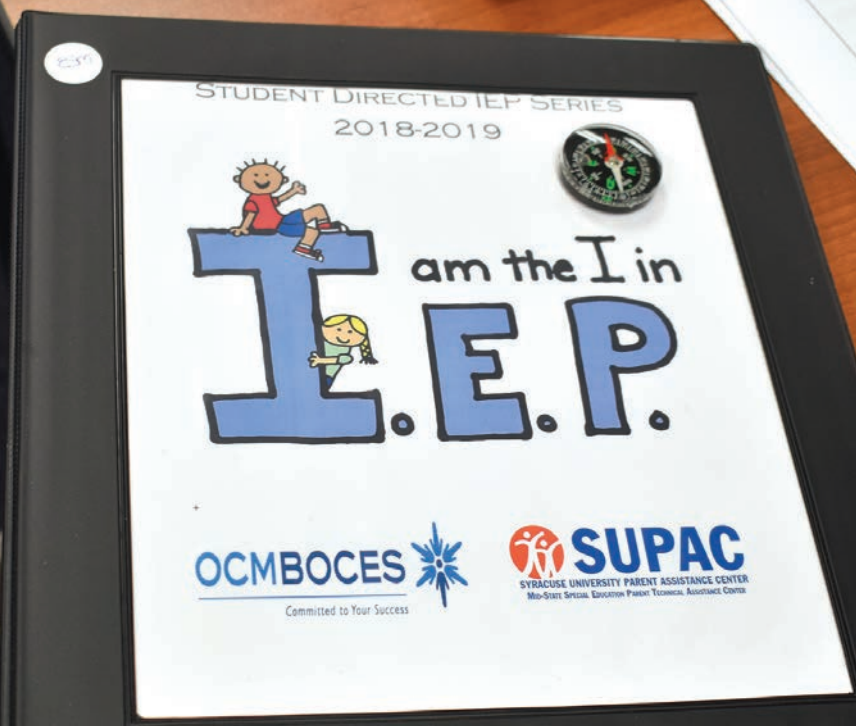
Economic distress, coupled with oil prices above \$140 per barrel during the summer, deepened the world economic crisis that had been brewing all year.

BOCES in the 2000s

In 2006, to help districts reduce the high school dropout rate, OCM BOCES welcomed 56 students to the brand-new Career Academy at what is now called our Crown Road Campus. This is a program that continued until just a few years ago with the implementation of the first New Tech high school in Central New York.

“It’s one of the most exciting things I’ve ever been involved with in my career.”

- Baldwinsville Special Education Director Rocco Nalli, a 27-year educator and administrator in the field



Jonathan Bond is a freshman at Le Moyne College who participated in his own Individual Education Program (IEP) in 2017-18 as a senior in Baldwinsville. Bond used a PowerPoint presentation to advocate for himself in front of the Committee on Special Education. He used the same PowerPoint a short time later to advocate for himself at Le Moyne, where he receives a few accommodations — longer testing periods, for example, and digital files to help with a visual disorder — to be successful. “I think that’s the biggest thing it did for me,” Bond said of his student-led IEP. “It prepared me to advocate for myself in college.”

Instructional Support Services

RSE-TASC

Student-Directed IEPs take off “like wildfire”

A small change is making a powerful difference for dozens of students with disabilities in our region, thanks to a program that allows students to advocate for themselves and direct their own learning in meetings that shape their Individualized Education Programs, or IEPs.

Student-directed IEPs have been expanding and quickly gaining attention in the mid-state region since they were first piloted two years ago through a collaboration between the Mid-State Regional Special Education Technical Assistance Support Center (RSE TASC) and the Syracuse University Parent Assistance Center (SUPAC). The Mid-State RSE TASC operates through OCM BOCES.

At the center of the push in the mid-state area are Patricia Ordway-Bennett and Colleen Crisell, two RSE TASC transition specialists facilitating the Student-Directed IEP Series for area districts.

“It is important to teach students that a disability does not define them as a person — it is simply part of them,” Ordway-Bennett said. “But students still need the tools, experience and confidence to articulate their needs surrounding that disability so they can succeed in any setting, especially when they transition to the independence of being an adult.”

Two years ago, Mid-State RSE TASC and SUPAC tested the idea with a pilot program in the Altmar-Parish-Williamstown Central School District in Oswego County, about 40 miles north of Syracuse. The program expanded from four to 22 students in the first year.

In Baldwinsville, positive results, including extensive praise from parents, inspired the district to expand the program significantly. In 2016-17, Baldwinsville launched the program with three educators and seven students at its middle school, junior high and high school. This year, 14 educators from all levels, including elementary, will be participating with at least 28 students.

Baldwinsville Special Education Director Rocco Nalli describes students taking ownership of their CSE meetings: dressing up, setting up name cards and giving PowerPoint presentations about their strengths, struggles, future dreams and what kind of help they need to perform better in school.

Ordway-Bennett and Kristine O’Brien, a parent outreach specialist with SUPAC, held a kickoff session Oct. 16 for the Student-Directed IEP Series in the OCM BOCES and CiTi (Oswego County) regions. The turnout was big: 31 representatives from Baldwinsville, Hannibal, East Syracuse Minoa, Mexico and Solway. A second kickoff session was held in the Tompkins-Seneca-Tioga BOCES region in November.

“It’s just really exciting to see how much this has grown,” RSE TASC Coordinator Janel Payette said.

2010s

2011

Terrorist Osama Bin Laden, one of the architects of the 9/11 attacks on the World Trade Center and Pentagon, is killed after years of pursuit by United States and coalition forces during a raid by U.S. Navy Seals on his hideout in Pakistan.



2014

Malaysia Airlines Flight 370 vanished en route from Kuala Lumpur to Beijing. The bulk of the plane was never recovered and all 239 people on board were presumed dead. The first remains of the aircraft were found on July 29, 2015, after they washed ashore on Réunion Island.

2016

“American Idol,” the seminal music competition that set the record for eight straight seasons as the No. 1 show on television, ended its 15-year run.

2016

The Chicago Cubs win their first World Series since 1908, defeating the Cleveland Indians 4 to 3. They rebounded from a three to one game deficit for only the sixth time in World Series history.

BOCES in the 2010s

In 2013, business-embedded Career & Technical Education programs began at Driver’s Village and Sports Center 481. Also, a “large building” was purchased off Elwood Davis Road in Liverpool, the future of our Main Campus. In September 2014, a new OCM BOCES high school called Innovation Tech opened its doors at our Crown Road Campus.



Faraan Hamad



Lauren Lundrigen

When a student receives a Seal of Biliteracy on their diploma, the benefits are many:

- It identifies high school graduates with language and biliteracy skills for employers;
- It provides universities with additional information about applicants;
- It prepares students with 21st century skills;
- It recognizes the value of world and native language instruction in schools; and
- It affirms the value of diversity in a multilingual society.

Source: New York State Education Department



Aruasy Barrios



Instructional Support

Seal of Biliteracy

GNY Momentum for the Seal of Biliteracy has Exploded

The Mid-State Regional Bilingual Education Resource Network, or RBERN, is spearheading the growth of the Seal of Biliteracy.

In 2017-2018, the consortium expanded significantly from the previous year to include 12 Central New York districts under the umbrella of OCM BOCES and Cayuga-Onondaga BOCES. That expansion culminated May 22, when 86 students from Baldwinsville, Liverpool, Marcellus, North Syracuse, Solvay and Auburn earned the Seal of Biliteracy — a nine-fold increase in the region from the year before.

For some students, learning a second language unlocked a passion they never expected and an asset that is often under-appreciated. Here are just a few examples:

Faraan Hamad, a senior from Liverpool, spoke three languages: Urdu, Spanish and English. Hamad was so proficient in all three languages, panelists assessing the students' presentations on May 22 were uncertain of his native tongue. "It kind of gets overlooked how hard it is to assimilate in a new country," said Hamad, who moved to the United States from Pakistan at the age 3. The seal, he added, is a true testament to the difficulty of learning a new language and culture. This year, he is studying chemical engineering at the University of Rochester.

Lauren Lundrigen, a senior from Marcellus, demonstrated her mastery of French after studying the language since eighth grade. Last spring, Lundrigen traveled with a not-for-profit group of medical doctors who performed 111 surgical procedures for impoverished residents of Haiti, who speak French and Creole. For Lundrigen, learning a second language was vital to her dream of becoming a doctor, a pursuit she is launching this year at Colgate University.

Aruasy Barrios, a senior from Solvay, demonstrated proficiency in Spanish, English and American Sign Language, or ASL. Barrios came from Cuba at age 4 with just her mother. She is hard of hearing, so she learned ASL at Solvay High School, which houses the Deaf & Hard of Hearing Program through OCM BOCES. Without the Seal, who would know she was proficient in three distinct languages? "It's something to be proud of," she said. This year, she is studying art education at SUNY Potsdam.

BOCES of Today

Times change, so BOCES programs change.

Many of the vocational offerings from 45 years ago still exist, such as carpentry, cosmetology, and welding. But others have long since disappeared: appliance servicing, offset lithography, and hotel-motel management. All three were featured in a 1972 yearbook.

A decade later, in the mid-1980s, new programs came along: office practice, agribusiness and "horse handling and care." The horse-handling course included grooming, equipment care, breaking a colt and "driving in a race," according to a 1983 BOCES newsletter.

New Courses for '83-'84

OFFICE PRACTICE 1 Year Program a.m. or p.m. Lakeside Center
 Computers and Their Use
 Word Processing and The Computer
 Micro Computer
 Business Dynamics
 Filing and Records Management
 Machine Transcription
 Production Typing
 Of all the job occupations, clerical occupations offer the most job openings every year. Clerical occupations include secretaries, stenographers, bookkeepers, receptionists, office managers, personnel clerks, typists, administrative assistants and others. Today, men and women entering into these occupations need a thorough understanding of business operations in the work place skills with electronic information processing equipment and an understanding of computer technology. This course will provide the necessary skills for direct placement.

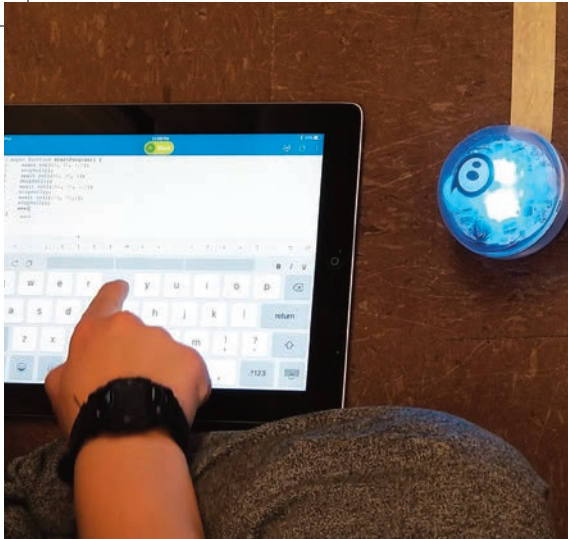
AGRIBUSINESS 2 Year Program 1st Year - a.m. & p.m.
 Job Opportunities
 Farm hand
 Farm helper employees
 Garden store employees
 Warehouse employee
 Grain company representative
 Food and product buyers
 Milk co-ops
 An urban approach to agribusiness
 Over 30 field visits to agribusiness
 Business
 Bus lectures in route
 Modules:
 —agricultural mechanics
 —diesel mechanics
 —computer literacy
 —business typing
 —letter writing
 —capstone work study program

HORSE HANDLING AND CARE Two Year Course
 This 2 year course is designed to develop the competencies needed for entry level jobs in Horse Handling & Care.
 During the course, students will receive practical training and experience that will enable them to pursue career opportunities available in the horse industry. Students will work individually with stable horses, handling all aspects of horse health care and safety in handling.
 I. Orientation of Standardbred and Show Horses
 II. Home Handling and Grooming
 III. Care of Equipment
 IV. Stable Management
 V. Breaking a Colt
 VI. History and Tradition of Harness Racing
 VII. Racing Rules
 a. New York State Rules
 b. U.S. Track Association Rules
 VIII. Transportation of Horses
 IX. Driving in a Race

The newest BOCES programs allow students to work side-by-side with working professionals in a business, whether its Driver's Village, WCNY studios or SUNY Upstate Medical University. Next year, a new engineering program begins at Lockheed Martin.

Students now earn industry-approved seals on their diplomas, and college credits while in high school. They enjoy 1:1 technology, which means every student has access to a computer.

Times change, so BOCES programs change.



cnyric
Connecting Education

BEYOND THE BUZZ



CNYRIC Assistant Director
Rick Dillon



Then and now: 38-year employee Rick Dillon reflects on the CNYRIC

“The ‘Regional Computer Center,’ as it was called back then, was located on Lakeside Road in Lakeland. We had about 40 staff working there in 1980 when I started in test scoring. It was before Cortland BOCES merged with Onondaga. It was actually before CRT terminals. These terminals with their neon green letters were not installed until 1982. All updates and reports were done by keypunch cards.

Regional Information Center

Technology Support

New Centrally Managed Service Model

The CNYRIC Managed Technical Support Group has embraced a new delivery model for on-site technical support. As a Centrally Managed Service Model, districts outsource IT support functions to the CNYRIC using a centrally managed team of technicians operating on a dynamic, on-demand basis for support across multiple districts. Key attributes include a central service desk, standard system configurations, common inventory management, centralized account administration and day-to-day management of field staff.

Infrastructure as a Service (IaaS)

2017-18 was the first full year for Infrastructure as a Service (IaaS), a new program where the CNYRIC manages servers, data backups, configuration and accounts for nine school districts. This service removes a tremendous workload from districts, allowing them to focus on other tasks. The service operates from 7 a.m. to 10 p.m. on weekdays, with server updates scheduled after hours and monitoring done on weekends.

Beyond the Buzz: An Administrator's Guide to 1:1 Computing

Assistant Director Rick Pollard pulled together CNYRIC integration specialists and district technology administrators to collaborate on a document to help administrators understand the high-level implication of rolling out a one-to-one (1:1) computer program. The resulting publication, *Beyond the Buzz: An Administrator's Guide to 1:1 Computing*, was well received locally and statewide.

Educational Data Services Team Formation

To streamline communications, enhance support, and improve customer service, the CNYRIC's Student Services, Data Warehouse, Test Scoring and Programming departments consolidated into one team called Educational Data Services (EDS). Co-managed by Lori DeForest and Jeremy Dodds, the new EDS team will provide districts with comprehensive support for the many facets of managing educationally-based data. Districts now have access to a team to manage everything from student management systems to statewide data reporting.

There was a staff of eight folks whose only job was to punch cards (tens of thousands of cards) from hand-written sheets that contained data such as grades, payroll and testing information. The cards were loaded into a massive machine to run the batch computer program. Each keypunch 'job' was actually punched twice to verify accuracy of the data. Storage of data was on two dozen huge storage devices in the computer room weighing several hundred pounds each and standing 6 feet tall. I would suspect that all of those units combined are a fraction of the storage available today on an average home computer."

BOCES of Tomorrow

In 1948, when BOCES was born, English scientist Tom Kilburn invented the first working computer program stored as electronic memory.

Today, 70 years later, computer programs are ubiquitous and powerful. In fact, the most powerful supercomputer in the world, Summit, is capable of 200 million billion calculations per second, something a human would need 63 billion years to do.*

What will the world look like in another 70 years? What programs will OCM BOCES offer in 2088? Let's share ideas @ocmboces. #OCM70

*Source: Gizmodo.com/New York Times

Changing Perceptions of BOCES

Consider these remarks from members of Leadership Greater Syracuse following a tour of OCM BOCES in April 2018:

"This is definitely not the BOCES I knew in high school."

"I had an idea in my head what BOCES was about, but this kind of blew me away. They are doing amazing things there."

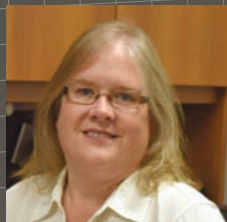
"My perception of what BOCES can offer young adults has changed dramatically and for the better."

"I wish BOCES had been pushed more when I was a high school student. When I was younger, BOCES was almost frowned upon. I am very jealous of the opportunities these students are taking advantage of to help them learn."

Labor Relations

Then and Now:

30-year employee Patricia Berry looks back on a full career with OCM BOCES



At the urging of a neighbor, Patricia Berry joined OCM BOCES more than 30 years ago, in 1988. Her first job reflected a major crisis in the 1980s: AIDS (acquired immunodeficiency syndrome), which had rapidly become an epidemic. Her first position in the grant-funded AIDS Regional Training Center launched a career at OCM BOCES that has resulted in four different job titles across six departments.

“Even though I’ve only had one employer, I’ve had many opportunities and multiple jobs,” she said. “I’ve been able to move around and change.”

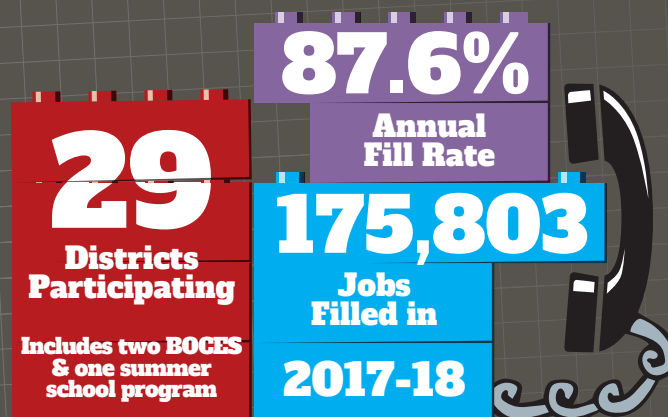
Her crown jewel is the position she holds now, as administrator of the automated Substitute Calling Service. Berry oversees a wildly effective and popular program that saves districts thousands of dollars in personnel costs and alleviates untold stress by quickly finding substitute teachers to arrive promptly in classrooms.

The number of districts using this service has increased steadily, growing from 18 districts in 2013-14 to 29 in 2018-19. The number of jobs filled annually has risen

from 131,144 to 171,886 over the same period. Before its inception in 2005, Berry said, a handful of senior citizens manually dialed phones to find substitutes, a painstaking task.

“We’ve come a long way,” Berry said.

Automated Substitute Call-In Service



Management Services

Saving Districts Money

Throughout its 70-year history, OCM BOCES has been able to generate significant financial savings for each of our 23 component districts and their taxpayers.

Through cooperative purchasing, for example, economies of scale and the competitive bidding process routinely result in substantial savings for districts. Similarly, districts are reimbursed with state aid if they participate in shared services through OCM BOCES.

COOPERATIVE PURCHASING
In 2017-18,
cooperative purchasing
saved districts:
\$3,442,156



STATE AID GENERATED THROUGH BOCES
State aid for all
districts in
2018-19 generated
through
OCM BOCES services last year:
\$35,920,122

Partnering Districts

2018-2019 Partner School District Superintendents

Mr. Matthew McDonald
Baldwinsville Central

Mr. Matthew Reilly
Cazenovia Central

Mr. Michael Eiffe
Chittenango Central

Mr. Todd Freeman
Cincinnatus Central

Mr. Michael Hoose
Cortland City

Mr. David M. Brown
DeRuyter Central

Dr. Donna DeSiato
East Syracuse Minoa Central

Mr. Timothy P. Ryan
Fabius-Pompey Central

Dr. Craig Tice
Fayetteville-Manlius Central

Mr. Thomas Turck
Homer Central

Dr. Peter C. Smith
Jamesville-DeWitt Central

Mr. Jeremy Belfield
LaFayette Central

Dr. Mark Potter
Liverpool Central

Mr. James J. Austin
Lyncourt Union Free

Ms. Rebecca Stone
Marathon Central

Ms. Michelle Brantner
Marcellus Central

Ms. Melinda McCool
McGraw Central

Ms. Annette Speach
North Syracuse Central

Mr. Robin Price
Onondaga Central

Mr. Jay Tinklepaugh
Solvay Union Free

Mr. Robert Hughes
Tully Central

Mr. Casey Barduhn
Westhill Central

Dr. Christopher R. Brown
West Genesee Central

Mr. Jaime Alicea
Syracuse City Schools

Mr. William Crist
Syracuse Diocese Schools



OCM BOCES LOCATIONS

- 1 Main Campus
- 2 Henry Campus
6820 Thompson Road
- 3 Crown Road Campus
4500 Crown Road
- 4 Cortlandville Campus
1710 NYS Route 13



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Liverpool, NY 13088

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