In 2014-2015, the Board of Education and administration implemented a five-year strategic plan to provide all students with an educational experience designed to achieve college and career readiness. In addition to a rigorous academic curriculum, students are engaged in activities that enhance their intellectual skills, raise social awareness and promote moral growth to foster a commitment to lifelong learning and to becoming productive contributors to society.

The district also has a comprehensive professional development plan. Professional development for new and experienced teachers is ongoing to ensure classroom instruction is aligned with the Common Core Learning Standards and achieves the goals set by the Board of Education and administration. The plan includes workshops and conferences, collegial circles where best practices are shared, inter-classroom visits, grade-level meetings, vertical articulation meetings and data-driven instruction. Each of the elementary schools has a math coach who addresses students’ needs in small-group settings and provides teachers with support in delivering mathematics instruction.

School-parent partnership programs instruct parents on the academic curriculum students are learning every day in the classrooms.

Technology-Infused Instruction

Schools are fully equipped with the latest technology equipment: a smartboard in every classroom, a computer lab in each of the elementary schools, more than 4,000 computers available districtwide for student learning, and 30 computers on wheels (COW carts) that can be used to support small-group instruction in the classroom. Document cameras, iPads and printers further enhance the district’s STEAM initiative, infusing science, technology, engineering, the arts and math into instruction.

Curriculum

Students in kindergarten through fifth grade benefit from a rigorous academic curriculum aligned with the New York State Common Core Learning Standards in all areas, including English language arts, mathematics and the content areas. The K-5 curriculum is designed to develop strong critical thinking, inquiry and research skills, culminating in the ability to communicate conclusions and initiate action. These skills are critical for students to be successful at the secondary level.

The district is implementing the Journeys Reading and GO Math! programs in grades K-5. This consistency in instruction provides a fluid curriculum that builds on the skills introduced from one grade level to the next. In the content areas, students are engaged in an inquiry-based model of learning through the College, Career and Civic Life (C3) Framework for Social Studies and through the district’s STEAM curriculum. Sixth-grade students are using Google Apps for Education to expand their knowledge continued on next page...
Middle School Prepares Students to Be Successful in High School

The Westbury Middle School experience enables students to build upon the skills they have acquired in elementary school and to prepare to be challenged and successful in high school.

Technology-Infused Instruction

The curriculum is focused on STEAM (science, technology, engineering, the arts and math). Starting in sixth grade, students participate in open classes, which allows them to collaborate with eighth-graders to expand their technological, creative thinking and problem-solving skills. Moving from the textbook to hands-on science and technology, areas covered include reusable energy, robotics and solar energy.

Curriculum

The middle school curriculum is based upon the New York State Common Core Learning Standards and New York State mandates with a greater focus on college and career readiness. In English language arts, the emphasis is on expanding reading, literacy and comprehension skills. Intervention programs such as Read 180 are provided to students in need of additional support. The Glencoe math program for students in grades 6-8 is designed to prepare all students for the opportunity to take the Common Core Algebra 1 Regents in eighth grade. Students who successfully pass the Regents enter the high school with one math credit. Students also have access to several computer programs, both in school and at home, to provide further instructional support.

The science curriculum is based upon the New York State Education Department Science Standards. During the 2015-16 school year, 35 percent of students were accelerated to take the Living Environment Regents.

Building the Foundation Begins in Elementary School

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Data-Driven Instruction and Intervention

Through the continuous analysis of data, student progress is monitored and addressed. The district adopted Response to Intervention, which is a multi-tiered approach to early identification of students in need of support. These students are provided with various interventions at increasing levels of intensity to accelerate their rate of learning.

Social Emotional Services: Positive Behavior Intervention Services (PBIS)

PBIS is an approach for assisting school personnel in promoting a positive and safe school climate that maximizes academic and social behavior outcomes for students.

Recognizing Excellence

The National Elementary Honor Society recognizes outstanding students in grades 4-6. Students being considered for membership undergo a selection process that includes an application and teacher recommendations.
Students who successfully pass the Regents will enter the high school with one science credit. Starting in 2016-17, all students will receive instruction in the accelerated science program, which culminates with the Living Environment Regents. Students entering sixth grade have an opportunity to begin a three-year U.S. History and Government curriculum that concludes with the Regents of that subject. Those who successfully pass the Regents enter the high school with one credit. Those not enrolled in the U.S. History and Government curriculum follow the NYSED social studies curriculum.

Opportunities to Excel
Westbury Middle School placed second and third at the Maglev competition held at the Cradle of Aviation Museum. The team of 20 sixth- and eighth-grade students prepared for the competition by using their science, technology and math skills to optimize the design of a Maglev vehicle, which uses magnetic levitation as its source of power.

Throughout the year, seventh- and eighth-grade students become the teachers as elementary students visit the Student Safari set up in the middle school. There, the older students operate several learning stations, where they share their knowledge and teach the younger students about animals and their habitats.

Services for Students and Parents
The extended day program in English language arts and math is available to students in grades 6-8 who are identified as being in need of additional support. All students are encouraged to participate in after-school support classes provided by all teachers. The schedule of classes can be found on the district’s website, www.westburyschools.org.

The guidance department serves as a parent resource center, where parents can discuss early college and career planning and access their children’s academic profiles. There are also 20 community-based organizations available through the guidance office that provide social and emotional services.

After-School Clubs and Athletics
Numerous clubs and after-school activities allow students to explore their interests and engage in community service. Students who wish to participate in athletics can choose from 11 fall, winter and spring teams, which expand their athletic abilities and teach them sportsmanship and the skills needed to work as a team.

Recognizing Excellence
There are many ways in which students can be recognized for their outstanding academic performance. The National Junior Honor Society is one of the nation’s premier organizations, established to recognize outstanding middle-level students. Students being considered for membership undergo a selection process that includes an application and teacher recommendations. In addition, eligible students may be recognized on the school’s honor roll and principal’s high honor roll.

High School Is the Stepping Stone to College and Careers
Westbury High School offers a challenging curriculum and numerous opportunities to experience college-level courses that provide the knowledge all students need to be prepared for college and careers.

Curriculum
At Westbury High School, students are offered the courses required to achieve a Regents diploma. In addition, college credit-bearing, pre-Advanced Placement and Advanced Placement courses are offered. These opportunities are expanded through partnerships with several colleges, including Mercy College and Molloy College. Some of the college credit-bearing, pre-AP and AP courses offered are:

**World Languages**: French 4/Pre-AP, Spanish 4/Pre-AP, AP French, AP Spanish

**Art and Technology**: Pre-AP Art, AP Studio Art, Computer Graphics using Adobe Photoshop, Graphics 2D Animation using Toon Boom

**Music**: Pre-AP Music Theory

**Expanded Learning Opportunities**
Students have submitted their research projects to the Intel Science Talent Search, one of the most prestigious science competitions in the country. The high school’s robotics... continued on back page...
High School Is the Stepping Stone to College and Careers

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team annually competes in the FIRST Robotics Competition, where they are challenged in their knowledge of science, technology, engineering and math to build a robot from the parts provided and successfully complete a series of intricate tasks. Several high school students visited Brookhaven National Laboratory, where they toured the facilities, conducted authentic physics activities and discussed careers in STEM. In partnership with the Cradle of Aviation Museum, students visit the museum to participate in hands-on learning experiences that incorporate the STEM curriculum. In partnership with SUNY Old Westbury, students can participate in an in-district Saturday program to explore advanced science concepts. Several Pre-AP Art students attended the Adelphi Art Foundation program, a 10-week, 30-hour course in life drawing, at no cost to the district. Students from the AP Art class had their work on display in the “Go APE” Advanced Placement Exhibition at the Art League of Long Island.

Building Character and Worldwide Awareness

Students have an opportunity to participate in the district’s highly successful athletic program. The high school offers a full array of competitive sports during the fall, winter and spring seasons. In addition, students can explore their interests and cultivate self-confidence by joining clubs that promote leadership, collaboration and social awareness.

The high school was represented at the Long Island High School Ethics Bowl, at Hofstra University. More than 160 high school students are members of the Navy Junior Reserve Officers Training Corps. The program promotes character development and is designed to prepare students who are interested in pursuing careers in fields such as Naval science, astronomy, oceanography, meteorology, radar and sonar electronics, and navigation. Students in the program can apply to continue their education at the U.S. Naval Academy, the Merchant Marine Academy and SUNY Maritime College.

Highest Forms of Recognition

Westbury High School is proud to have five honor societies: the National Honor Society, National Art Honor Society, National French Honor Society, Tri-M Music Honor Society and National Spanish Honor Society. In addition to recognizing academic excellence, the societies’ inductees must demonstrate excellence in the areas of character, leadership and service. These students are the role models for all who attend Westbury High School.

For more information, visit the district’s website at www.westburyschools.org.