

"Education is the key to unlock the golden door of freedom"
George Washington Carver



CARVER Early College High School *Programs*



County-Wide Partnership for College & Career Readiness:
NEW JERSEY PUBLIC, CHARTER, & PRIVATE SCHOOL DISTRICTS



2019-2020 School Year



Student Development at CARVER

The cornerstone of early college success starts with a deep understanding of student development. **Students' character development** is central to developing positive and effective **social-emotional competencies** that foster an optimal learning environment. Carver's core values are essential building blocks towards establishing a community of learners who are:

Caring, Accountable, Respectful, Victorious, Encouraging, and Responsible.

Careful guidance and checkpoints for student development are incorporated into Carver's **Gateways to Success**. Essentially a guide to what makes a great student, the **Gateways to Success**, provide a charted path which assist students in taking ownership and monitoring their progress as part of the early college program while preparing them for college-level coursework. Aligned with positive behavioral support, Carver provides immediate feedback on student progress through written and electronic methods to increase the frequency of the desired student developmental skills conducive to success in high school, college, & career. Gateways to Success are available upon request (see chart below). In addition, faculty and staff are trained as **Student Advisors**. Through Carver's **Advisory Program**, students build connections with trusted adults for support, advisement, and encouragement during their adolescent years. Carver provides year-long training for all early college staff for maximum student motivation and achievement.



Learn more at: www.mycarver.org

Carver's **Summer Bridge Program**, is a 3-week intensive academic and character development program designed to equip each student with the skills necessary to be successful in the early college program. Early College students explore career pathways and develop clear goals for each year in the program. Students also participate in a intensive science project with a college professor and present their projects at the end of the bridge to a panel of educators and leaders. In addition, students will learn how to study, organizational skills, notetaking techniques, and other college preparatory strategies that will yield success. All early college students will engage in lessons that will build their skills for the **Accuplacer** during the summer (See your school's dedicated Carver Program Manager for details).



Based on Dr. David Conley's College & Career Readiness Standards, students prepare for college-level coursework using **Carver's Gateways to Success** (see chart). Carver offers both a middle and high school model. Our students participate in student-led, portfolio reviews called, "**Carver's Gateway Presentation**," where they present their work to a panel of school staff, parents, & guests to demonstrate their learning in the program.

Gateways to Success

| <u>Grade 6</u> | <u>Grade 7</u> | <u>Grade 8</u> |
|----------------------------------|---|---|
| Gateway A | Gateway B | Gateway C |
| Development of Learning-part 1 | Development of Learning-part 2 | Development of Learning-part 3 |
| <u>Grade 9</u> | <u>Grade 9</u> | <u>Grade 10</u> |
| Gateway 1 | Gateway 2 | Gateway 3 |
| Presentation of Learning | Demonstration of Learning/Research | Career Project/ Interpretation |
| <u>Grade 11</u> | <u>Grade 11</u> | <u>Grade 12</u> |
| Gateway 4 | Gateway 5 | Gateway 6 |
| Academic Research/ Communication | Internship/ Real-World Problem Solving Strategies | College Readiness/ Precision & Accuracy |



Academic Development at CARVER



College & Career Pathways

Students in the Early College program can **earn their high school diploma and Associate's degree by the end of 12th grade**. Carver's partnerships with colleges and universities make it possible for dual credit and dual enrollment courses, where students can matriculate up to 60 college credits while in high school, compressing the time it will take to earn postsecondary credentials and reducing the cost of earning an advanced degree (i.e. Bachelor's). As an intermediary, Carver will work with school districts & collegiate partners to design a clear articulation and pathway towards a postsecondary degree and/or certification/license (see chart & your school's dedicated Carver Program Manager for details).

| CAREER PATHWAYS IN COMPUTER SCIENCE | | | | |
|---|---|--|--|--|
| Courses | Grade 9 | Grade 10 | Grade 11 | Grade 12 |
| English | High School English I Honors (5 cr.) | High School English II Honors (6.5 cr.) | English Composition I (3 cr.) (5 cr.) ECHS - En101 | English Composition II (3 cr.) (6.5 cr.) ECHS - En102 |
| Math | High School Algebra I or Geometry Honors (5 cr.) | High School Geometry or Algebra II Honors (5 cr.) | College Algebra (3 cr.) (5 cr.) ECHS - MA130 | Effective Speech (3 cr.) (5 cr.) CCC - SP203 |
| Science | High School Biology Honors - All Year (5 cr.) | High School Biology Honors (6.5 cr.) | General Chemistry I (4 cr.) (6.5 cr.) ECHS - CH101 | MW Intermediate JAVA (4 cr.) (5 cr.) CCC - CS216 |
| History/Social Science/Diversity/Humanities | High School Personal Finance Honors (5 cr.) | High School World History Honors (5 cr.) | US History 1 (3 cr.) (5 cr.) ECHS - H1201 | US History 2 (3 cr.) (5 cr.) ECHS - H1202 |
| ECHS Program Electives (FALL SEMESTER) | Gateway Study Hall - All Year (Gateway 1 & 2 Seminar Labs) | High School Spanish I Honors (5 cr.) | MW Psychology (3 cr.) (5 cr.) CCC - PS101 | MW Introductory Sociology (3 cr.) (5 cr.) CCC - SO201 |
| ECHS Program Electives (SPRING SEMESTER) | MW College Success Seminar (1 cr.) (5 cr.) CCC - FS101 | MW Intro to Micro-Computers (3 cr.) (5 cr.) CCC - CS101 | TR Computer Science I (4 cr.) (5 cr.) CCC - CS111 | TR Calculus I (4 cr.) (5 cr.) CCC - MA330 |
| PE/HEALTH | PE/HEALTH (5 cr.) | PE/HEALTH (5 cr.) | PE/HEALTH (5 cr.) | PE/HEALTH (5 cr.) |

On track to pass the ACCUPLACER by the End of 10th Grade



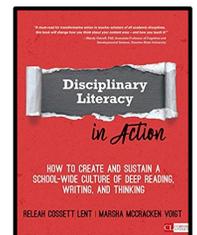
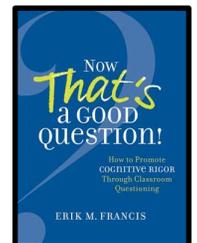
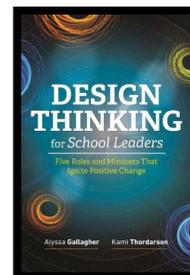
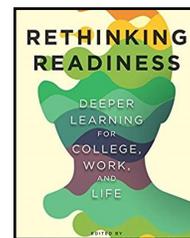
Vital to first year student success is the **College Success Seminar**, which provides students with the study, organizational, and time management skills to be successful. This 1-2 credit college course will teach students to set goals, structure a four year plan for collegiate success, notetaking skills, and how to deconstruct college/academic text. This is one of the first courses students take in the program.

Learn more at: www.mycarver.org



Professional Development at CARVER

The architects of early college education are the schools' faculty and staff. During the **Summer Institute**, Carver provides targeted training that equips teachers with the methodologies to analyze and utilize student data to design lessons for the diverse needs of students. Facilitated by accomplished instructors with years of experience, Carver trains teachers in learner-directed learning through the enhanced "**Lesson Study**." Lesson Study, is a collaborative instructor learning process to improve teaching and learning, where experienced teachers share, reflect, and incorporate the latest research based instructional strategies and receive immediate feedback from their peers for improvement. The Carver professional development difference builds upon best practices and results-oriented instruction. Driven by Jobs of the Future's (JFF), Common Instructional Frameworks, Carver's active learning strategies for teaching & learning are: (a) *Deeper Teaching*, (b) *Deeper Learning*, (c) *Disciplinary Literacy*, (d) *Cognitive Rigor*, (e) *Academic Language*, and (f) *Cooperative Learning using Project-Based & Work-Based Design Thinking*. In addition, Carver also provides "**School Leadership Development**" using the book "Switch" as a model to assist districts in developing a "going to college culture with career opportunities" for ALL students (see your school's dedicated Carver Program Manager for details).





EARLY COLLEGE

WHERE HIGH SCHOOL AND COLLEGE MEET.



Professional Development at CARVER

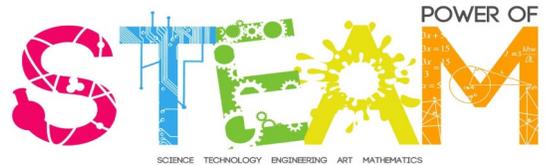
Carver also focuses on “**teacher preparation**” to teach dual credit courses in the high school. Teachers of English, Mathematics, History, and the Sciences in high school who would like to teach a dual credit course should have a master’s degree in their content area or hold a master’s degree plus 18 graduate credits in their content area. Carver partners with colleges/universities to provide a **fast-track teacher preparation pathway** to become credentialed to teach dual credit. Special rates for cohorts are available. (See your Carver Program Manager for details).

DUAL CREDIT
for high school students



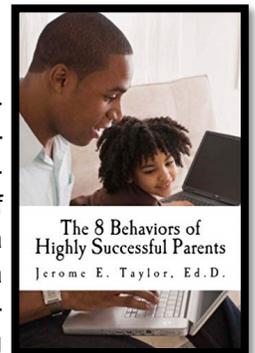
Career Development at CARVER

Carver focuses on preparing students for college and careers that are producing **jobs for the future**. Careers in the fields of STEM are growing and are projected to increase over the next 20 years. The Carver student will be able to pursue various degree pathways in STEM (i.e. Health Sciences, Engineering, & Computer Science) as well as the Arts (i.e. Justice Studies, Education, Graphic & Performing Arts) and so many more! (See your Carver Program Manager for details).



Community Development at CARVER

Carver builds partnerships with communities for student success! Services provided by local and regional community leaders, faith-based organizations, social service agencies, businesses, and governmental entities are integrated into one cohesive “**support network**” to expand the pipeline and strengthen the development of participating students and families for college & career pathways. Parents are a critical component within this network. Carver assists school districts in organizing a **Parent University** to equip caregivers with the tools necessary to understand, support, and encourage their children. Carver conducts parent workshops, empowering the voice of every parent. Using the parent book entitled, “**The 8 Behaviors of Highly Successful Parents**,” Carver will focus on the importance of the parent, giving this critical stakeholder a seat at the decision-making table to maximize student success within every community (See your Carver Program Manager for details).



George Washington Carver Education Foundation



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