



Magnet Program Expectations Agreement

STEM Academy at Phillip O. Berry Academy of Technology

(Acknowledgement of magnet program expectations and entrance/continuation requirements is necessary to submit a paperless Lottery Application or Request for Reassignment/Transfer.)

Student Name (print or type): _____ **CMS Student Number:** _____

Expectations for the School

Berry Academy of Technology will provide a rigorous core academic curriculum as well as relevant technical offerings in three STEM Career Academies with a focus upon the application of theory and know-how. Each Career Academy will operate as a “small learning community” or “school within a school” focusing on preparing students for high-skill, high-demand careers for today and tomorrow. The academies will integrate academic and technical curricula, raise student ambitions, increase career options and provide meaningful learning experiences for college and non-college bound students.

Expectations for the Teacher

Teachers at Berry will facilitate and differentiate instruction to address the learning styles of all students within a school culture that values and honors all students, promotes critical thinking and reasoning, inspires a love for learning and the application of knowledge. Teachers will ensure a high level of personal competency and technical expertise to effectively meet the needs of students by participating in magnet theme-related professional development as appropriate. Teachers will be responsive to parent phone calls and emails, making return contact within two business days and initiating parental contact at any time when there is concern with a child’s performance or behavior.

Expectations for the Student/Family

Berry Academy of Technology magnet students entering grade 9 must score at or above grade level (level III or above) proficiency in Math and Science based on EOG tests taken in the school year prior to attending. Students who retest must meet level III or IV by the end of the first retest. Students entering grade 10 must score at or above grade level (level III or above) proficiency on Algebra 1 or Algebra 2 EOC tests taken in the school year prior to attending. Students taking Geometry in grade 9 must pass and receive credit for the course by the end of the school year. Students entering in grade 11 and 12 must apply through the Reassignment/Transfer request and a transcript analysis must be completed by the school. Once enrolled, the student will choose a STEM Career and Technical Education cluster that resides within one of three Academies: Academy of Engineering; Academy of Information Technology and Computer Science; or, Biomedical Academy. In addition to the core academic courses required of all high school students for graduation, students in each STEM Career and Technical Pathway take a specific sequence of technical elective courses related to their Career Academy and career/technical education cluster designed to qualify the graduate for a wide variety of technology-related, entry level positions and to provide the foundation for continuing education at the 2-year and 4-year college levels.

Students will be expected to fulfill minimum course requirements related to the magnet theme in order to maintain active status and to continue to the next grade level in the magnet program. Students in grades 9-12 must be enrolled in and pass the designated STEM Academy CTE magnet theme-related course each year. Students who do not meet this Continuation Standard are reassigned to another school. The student should have the ability to think critically, be successful with academically rigorous courses, and be willing to focus and fully apply his/her gifts and talents. The student should be computer proficient and have experience working with various software and hardware technologies. The student should be committed to fulfilling the academic expectations and requirements of his/her chosen Career Academy program curriculum and have a strong interest in specific career options related to one of the three STEM Career Academy areas.

Designated Phillip O. Berry Academy of Technology STEM Magnet Program Requirements

Magnet Program Entrance (effective with the 2012-13 school year)

- Students entering grade 9 must score level III or above in Math based on CMS Administered North Carolina EOC/EOG test.
- Students entering grade 10 must score level III or above in Math AND Science based on CMS Administered North Carolina EOC/EOG tests. Additionally, students entering grade 10 must have Math I or Algebra I credit and earned at least one high school Science course credit in grade 9. Applying students taking Math II, Geometry, Math II, or Algebra II must pass and receive credit for the course by the end of the school year that the application is made.
- Students entering in grades 11 and 12 must apply through the Reassignment/Transfer request and a transcript analysis must be completed by the prospective school.

Magnet Program Continuation

- Students in grades 9-12 must be enrolled in and pass their STEM Academy CTE magnet theme-related course each year.

Parent/Guardian signature: _____ **Date:** ___/___/___ **Parent contact number:** _____

Student signature: _____ **Student’s date of birth:** ___/___/___ **Grade level:** ____