



6344 East Bear Grass Road

Bear Grass, NC 27892

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Office of the Principal

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To the parents of 7<sup>th</sup>, 8<sup>th</sup>, and 9<sup>th</sup> graders:

February 2018

In 2017-18 school year Bear Grass Charter School will launched phase two of its Science, Technology, Engineering and Mathematics (S.T.E.M.) labs. Our first phase included the introduction of six engineering courses, namely: Robotics and Automation, Alternative Energy, Construction technology, Environment Technology, Material science, Forensics, and Multimedia Production.

Our phase two includes six Health Science Career courses, namely: Nursing, Dentistry, Emergency Medical Technician, EMT, Sport Medicine, Veterinary Medicine and Biomedical Engineering. The attached sheet will give you more information on the above Health Science Career courses.

Students will be provided with multiple opportunities to engage in real world practices which will continue the school's concentration on preparing students for the 21<sup>st</sup> century global workforce. This is in accordance with the school's mission statement; which is to work in partnership with family and community...to enhance the quality of life of all students by ensuring they possess the competencies to achieve academic and vocational success in a technological world. Also, we will continue to collaborate with East Carolina University to strengthen the focus on mathematics and science throughout the curriculum.

These engineering programs facilitate project-based learning, PBL, which helps students to develop the necessary skills needed in a society that is highly technologically driven. PBL provides students with cutting edge requisite tooling that will be crucial in future complex problem-solving expectations either in college or in their place of employment. The student-centered STEM program aims to not only provide the fundamental skills of education namely reading, writing and math, but also aims to usher in 21<sup>st</sup> century skills which promotes teamwork, problem solving, research gathering, time management, information synthesizing, and utilizing high tech tools.

These Health Science Career courses will be offered in 8<sup>th</sup>, 9<sup>th</sup> and 10<sup>th</sup> grades as an elective course. The courses have the capacity of (2) sections of (12) 8<sup>th</sup> graders during electives, (1) section of (12) 9<sup>th</sup> graders and (1) section of (12) 10<sup>th</sup> graders. These PBL courses are very intense courses. We are sending out this letter to inform you of the course offering for next year. We will take request on a first come first serve basis along with teacher recommendation for the course. If your child is interested we need you to sign and **MAIL** to the school or attached and email to [dmoore@beargrasscharter.org](mailto:dmoore@beargrasscharter.org) no later than **March 16th, 2018.**

Sincerely,

*Donna Moore*

Donna Moore, Principal



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