Belle View Computer & Coding Club
Electronics with Minecraft Redstone
LOCATION TBD
WEDNESDAYS, 4pm-5pm
October 7-December 2, 2015
Tuition: $160 • 8 meetings, 1 hour per meeting • Grades 3-6
For more information: www.stemexcel.org/belleview

Class size: 14-20 students. This course is sponsored by the Belle View PTA. No refunds or exchanges offered. Emergency contact info must be filled out during registration for each student who attends this course. If you have any questions, please contact PTA afterschool enrichment rep, Shannon Zerzan: shannonzerzan@gmail.com

FALL 2015 • Electronics with Minecraft Redstone:
STEM exCEL’s Electronics with Minecraft Redstone allows students to explore electronics in a virtual world with essentially infinite resources. Using Minecraft’s system of wires called Redstone, students can build constructs representing electrical circuits and simple computer projects that are built in the real world. This course is a great precursor for students to get an initial understanding of circuitry, electronics and electrical theory before enrolling in our STEM exCEL Electronics course where real circuits, switches, bread boards, etc. are used. This course allows students to gain an understanding of how computers are processing commands as they move on to other computer science studies.

Registration is Open!
Please go to www.stemexcel.org/belleview to register.

About the Computer & Coding Club program:
The program aims to align STEM education through beginner to advanced computer science and coding opportunities to build a Belle View community Computer & Coding Club. In subsequent after-school enrichment sessions this year and going forward, Game Design, Website Design, Java, Python, Electronics, Robotics, Raspberry Pi, 3D Printing and Minecraft Modding opportunities may be offered per Belle View PTA feedback.

About STEM exCEL:
STEM exCEL guides and mentors students to obtain a foundation in computer science and coding so they may excel in Science, Technology, Engineering and Mathematics (STEM). Whether students are future computer scientists, inventors, artists, farmers or entrepreneurs, STEM exCEL’s goal is to prepare them to follow their aspirations.

STEM exCEL would like to work with your Belle View community Computer & Coding Club to inspire kids to code in the same way you want to motivate them to learn musical instruments or try a new sport. Whether or not Belle View students go on to work in a computer programming field, they will have beneficial confidence and a sense of purpose to act and converse in computational universal languages.

Contact us at: 703-475-6487 or contact@stemexcel.org
Visit us at: www.stemexcel.org