COBB COUNTY SCHOOL DISTRICT
STEM
SCIENCE·TECHNOLOGY·ENGINEERING·MATHEMATICS

STEM Enrichment Activity Chart
Grades K-2
Week of March 28-April 3, 2020

Create Monday	*Science* Tuesday	*Coding/Active* Wednesday	*Engineering* Thursday	*Fun* Friday
Create your personal mission patch! In a large circle draw (or use clippings from magazines) to represent things you are passionate about. Social Emotional	Scientist want to understand the world around us. Write 5 WHY or WHAT questions to learn more about something in nature. Natural World	Create an obstacle course. Get a family member to try! What is the shortest amount of time it takes to get through the course? Chart your data. Data Analysis	Engineers solve problems to improve our lives. Brainstorm an invention that can improve your life. Draw a detailed schematic of how it will work. Engineering Design Challenge	Make leaf art! Place a leaf under a sheet of paper and rub a crayon over the leaf to reveal its print. Features of Plants
Create beats using sounds from the everyday world. https://experiments.with google.com/drum-machine Sound	Create an open square/rectangle using a box. Place this outside on the ground. Sketch what you see inside your square. Write down all the plants and animals you see. Plants & Animals	CODE	Explore engineering careers at EGFI-k12.org ENGINEERING CAREERS	Draw your ideal future city. What areas will keep citizens healthy and happy? What areas will you design for kids? Engineering Urban Planning
Draw your favorite number. Add fun colors and shapes to decorate it. Then use the Chatterpix app to animate your number. Have your number tell why it is the BEST number. Number Sense & Counting	Create a graph of the different types of birds that frequent your yard or windows. You can share your data online at https://feederwatch.org/ Download the Merlin Bird Id app. Animals	Play a coding game at Hour of Code https://hourofcode. com/us/learn Coding	Using paper, tape, and string, design, build, and test a device that warns you when someone opens the kitchen cabinet. Engineering Design Challenge	Visit ST Math and solve some math puzzles with JiJi. https://tinyurl.com/ STMath20 Math
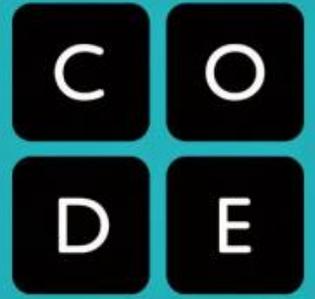
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