



SAMSUNG

DIY STEM CHALLENGE CALENDAR

A SUMMER FULL OF #STEM EXPERIMENTS!

Keep science cool this summer by doing one STEM experiment every day. Post picture of your experiment on social media with #STEM. Free guides and other downloads at BGCA.org/Samsung

WEEK 1: ENERGY & ELECTRICITY

DAY 1 <input type="checkbox"/> MAKE AN ELECTROMAGNET	DAY 2 <input type="checkbox"/> CREATE A MOTOR	DAY 3 <input type="checkbox"/> STATIC ELECTRICITY	DAY 4 <input type="checkbox"/> GRAPHITE CIRCUIT	DAY 5 <input type="checkbox"/> CREATE A CIRCUIT BOARD
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WEEK 2: ENGINEERING DESIGN

DAY 6 <input type="checkbox"/> MAKE YOUR OWN FIDGET SPINNER	DAY 7 <input type="checkbox"/> BUILD A POPSICLE BRIDGE	DAY 8 <input type="checkbox"/> MAKE A TOWER	DAY 9 <input type="checkbox"/> READ ABOUT FAMOUS ENGINEERS	DAY 10 <input type="checkbox"/> GET AN HOUR OF CODE
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WEEK 3: FOOD CHEMISTRY

DAY 11 <input type="checkbox"/> SODA GEYSER	DAY 12 <input type="checkbox"/> ROCK CANDY	DAY 13 <input type="checkbox"/> MAKE YOUR SODA...POP!	DAY 14 <input type="checkbox"/> BAKING EXPERIMENT	DAY 15 <input type="checkbox"/> EGG-SPERIMENT
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WEEK 4: AERONAUTICS

DAY 16 <input type="checkbox"/> POP ROCKET LAUNCHER	DAY 17 <input type="checkbox"/> ONE-PIECE ROCKET	DAY 18 <input type="checkbox"/> STRAW ROCKETS	DAY 19 <input type="checkbox"/> EFFERVESCING ROCKETS	DAY 20 <input type="checkbox"/> BALLOON ROCKETS
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WEEK 5: SPORTS SCIENCE

DAY 21 <input type="checkbox"/> WEATHER	DAY 22 <input type="checkbox"/> KINESIOLOGY	DAY 23 <input type="checkbox"/> HEART RATE MATH	DAY 24 <input type="checkbox"/> SOUND WAVES	DAY 25 <input type="checkbox"/> VELOCITY
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