



STEM Scouts 30 Day Challenge

Projects		Activities Site	Projects		Activities Site
Activity 1	Squeeze an Egg Into a Glass Bottle	https://www.wikihow.com/Get-an-Egg-Into-a-Bottle	Activity 9	Build an Aircraft	https://thehomeschoolscientist.com/build-an-aircraft-engineering-challenge/
Activity 2	Rainbow Rubber Eggs	https://www.steamsational.com/rainbow-naked-eggs-experiment/	Activity 10	Propeller Cars	https://www.instructables.com/id/Propeller-Powered-Car/
Activity 3	Crystal Sun Catcher	https://babbledabbledo.com/science-kids-crystal-suncatcher-craft/	Activity 11	Mini Robots	https://www.redtedart.com/how-to-make-a-mini-robot//
Activity 4	Jelly bean building	https://lemonlimeadventures.com/engineering-for-kids-building-with-jelly-beans/	Activity 12	Math Logic - Tower of Hanoi	https://www.whatdowedoallday.com/tower-of-hanoi
Activity 5	Garbage Science Experiments	https://teachbesideme.com/garbage-science-experiments/	Activity 13	Build a Pulley Machine	https://www.whatdowedoallday.com/pulley-simple-machine-project
Activity 6	Stop Motion Animation	https://tinkerlab.com/easy-stop-motion-animation-kids/	Activity 14	Grow Edible Crystals	https://mommypoppins.com/kids/how-to-make-rock-candy-with-kids
Activity 7	Bridge Building Challenge	https://www.busykidshappymom.org/unplugged-play-build-bridge-challenge/	Activity 15	Nerf Gun Math	https://www.notimeforflashcards.com/2013/09/shoot-add-nerf-gun-math.html
Activity 8	Math Fact Jenga	https://justcaracarroll.com/summer-funmath-style/	Activity 16	Apple Science Experiment	https://www.coffeecupsandcrayons.com/apple-science-experiment/

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Activity 17	Crystal Names	https://www.playdoughtoplato.com/kids-science-crystal-names/	Activity 24	Build a functioning Heart model	https://www.steampoweredfamily.com/activities/heart-model-heart-stem/?utm_medium=social&utm_source=pinterest&utm_campaign=tailwind_smartloop&utm_content=smartloop&utm_term=354056
Activity 18	Hydraulic Elevator	https://teachbesideme.com/stem-project-build-a-hydraulic-elevator/	Activity 25	Balloon Powered Car	https://www.stevespanglerscience.com/lab/experiments/balloon-powered-race-car/
Activity 19	Pom Pom Drop Challenge	https://www.coffeecupsandcrayons.com/pom-pom-drop-stem-challenge/	Activity 26	Skittles Rainbow	https://www.funwithmama.com/easy-skittles-rainbow-kids-candy-science-experiment/
Activity 20	Magic Milk	https://www.coffeecupsandcrayons.com/magic-milk-science-experiment/	Activity 27	Edible Pudding Slime	https://thesoccermomblog.com/edible-pudding-slime/
Activity 21	Ice cream in a Bag	http://kteacheriff.com/2017/05/make-ice-cream-bag.html	Activity 28	How to Make a Potato Battery	https://science.lovetoknow.com/science-fair-projects/how-make-potato-battery?pp=1
Activity 22	Sun Catchers	https://www.thejerseymomma.com/2016/12/easy-handmade-diy-suncatchers.html	Activity 29	Marshmallow Challenge	https://digitallesson.com/marshmallow-challenge/
Activity 23	Cut Ice Cubes with Fishing Line	https://www.sciencekids.co.nz/experiments/icecubemagic.html	Activity 30	Sweet Earthquake Shake on landfill (video)	https://www.sciencebuddies.org/stem-activities/soil-and-earthquakes

