

	K	1ST	2ND	3RD	4TH
<b>3D</b>	Monopoly house	bubble wands	keychains includes name on chain	weather vane spinner project (thingiverse) includes name on top	shoelace tag or holiday ornament
<b>Newsroom</b>	na	na	Northfield Students are engineersLast summer I built...	New Years resolution...	I want to be a "type of engineer"... research in Science Buddies and do news show
<b>Robotics</b>	Go	Go and path	Go and Path Hello World Make a robot pretend to be a guard dog	Real world challenges such as police rescue, lifeguard rescue, fireman rescue, animal pet detective rescue, coast guard rescue, underwater bridge repair,	Real world challenges such as police rescue, lifeguard rescue, fireman rescue, animal pet detective rescue, coast guard rescue, underwater bridge repair
<b>Coding</b>	<a href="https://code.org">code.org</a>	<a href="https://code.org">code.org</a>	<a href="https://code.org">code.org</a>	<a href="https://code.org">code.org</a>	code.org and Swift Playgrounds, Tynker has Java
<b>Engineering</b>	engineering things that fly: paper airplanes, paper helicopters, paper parachutes, save Harry with a parachute	engineering a boat for Harry	engineering a sun hat	engineering a car for Harry that parachutes or flies for a landing	engineering a specialized wheelchair (nj contest)
	engineering buildings: cup towers, straw towers, straw tables, Harry tower	engineering a bridge for Harry	engineering a catapult for Harry	engineering a magnetic machine to retrieve items from a sandbox	engineering a specialty robot that lights up with LEDs, a robot that vibrates with a motor, and a robot that moves with a wheel and axle
	engineering playgrounds for Harry: marble tracks, paper slides, paper swings	engineering an instrument	engineering a rocket for Harry	engineering a hydroponic plant feeder or windmill (possible)	engineering a hand held sensory item (optional)
	engineering dinosaurs: cutip skeleton, salt dough fossil, fossils observation	chemical engineering (play doh, oobleck, bubbles	engineering a kite that flies	engineering an erosion barrier for Harry in his house (possible)	engineering Halloween LED safety necklaces (possible)

	engineering plants: bean greenhouse, sunflower in a pot	engineering a volcano that erupts	engineering an erosion barrier for Harry in his house (possible)		
	engineering a sun shade for a popsicle				