

STEMAZing Kit for 2nd Grade Civil Engineering Flood Protection Project (assume 24 students + 1 teacher kit)

Item	Supplier	Link to	Cost	#/case	# of cases	# per kit	Shipping & Tax	Total	Kit Total	Notes:
Flood Warning (book)	Amazon	https://	\$6.99	1	25	1 book	\$13.98	\$188.73	\$7.55	Need one copy for the teacher and if possible one per student
Plastic Paint Bin for Roller	Dollar Tree	https://	\$1.00	1	25	1 tray	\$2.00	\$27.00	\$1.08	Needs two or three 1/4" holes drilled in the bottom middle front corner for water to drain out into mop bucket
Play Sand	Home Depot	https://	\$5.40	1	5	3/4 gallon	\$2.16	\$29.16	\$1.17	Put in gallon plastic sealable bags
Small Craft Sticks	Walmart	https://	\$4.97	1000	1	~40	\$0.40	\$5.37	\$0.21	Put in engineering supply bag - gallon plastic sealable bag
Modeling Clay	Dollar Tree	https://	\$1.00	1	13	half pkg	\$1.04	\$14.04	\$0.56	Put in quart plastic sealable bag
Building Blocks (various colors)	Dollar Tree	https://	\$1.00	1	25	1 pkg	\$2.00	\$27.00	\$1.08	Put in engineering supply bag - gallon plastic sealable bag
Mop bucket	Dollar Tree	https://	\$1.00	1	25	1 bucket	\$2.00	\$27.00	\$1.08	For collecting flood water
5 gal. Paint Stick (3-pack)	Home Depot	https://	\$0.98	3	9	1 stick	\$0.71	\$9.53	\$0.38	For stabilizing rain cups
Chenille Stems (pipe cleaners)	Dollar Tree	https://	\$1.00	45	6	10 stems	\$0.48	\$6.48	\$0.26	Put in engineering supply bag - gallon plastic sealable bag
Plastic Cups (in three different colors)	Dollar Tree	https://	\$1.00	16	12	2 of each color	\$0.96	\$12.96	\$0.52	Needs holes drilled in the middle of the bottom - one color 1/4", another 3/16", another 1/8" (Put duct tape on middle bottom before drilling to avoid cup cracking.)
String	Dollar Tree	https://	\$1.00	320 ft	2	~20 feet	\$0.16	\$2.16	\$0.09	Put in engineering supply bag - gallon plastic sealable bag
Flexible Plastic Straws	Dollar Tree	https://	\$1.00	150	4	20 straws	\$0.32	\$4.32	\$0.17	Put in engineering supply bag - gallon plastic sealable bag
Index Cards (3"x5" - assorted colors)	Dollar Tree	https://	\$1.00	100	7	1/4 pkg	\$0.56	\$7.56	\$0.30	Put in engineering supply bag - gallon plastic sealable bag
Duct Tape (various colors)	Dollar Tree	https://	\$1.00	1	25	1 roll	\$2.00	\$27.00	\$1.08	Put in engineering supply bag - gallon plastic sealable bag
Transparent Tape	Dollar Tree	https://	\$1.00	2	13	1 roll	\$1.04	\$14.04	\$0.56	Put in engineering supply bag - gallon plastic sealable bag
Scissors	Dollar Tree	https://	\$1.00	2	13	1 pair	\$1.04	\$14.04	\$0.56	Put in engineering supply bag - gallon plastic sealable bag
Quart plastic sealable bags	Dollar Tree	https://	\$1.00	20	2	1 bag	\$0.16	\$2.16	\$0.09	one bag for modeling clay
Gallon plastic sealable bags	Dollar Tree	https://	\$1.00	13	4	2 bags	\$0.32	\$4.32	\$0.17	one bag for sand and one for engineering supplies
IDEAS Engineering Journal	Print	https://stemazing.org/			50	2 copies	\$0.00	\$0.00	\$0.00	Put in engineering supply bag - gallon plastic sealable bag
SCAMPER	Print	https://stemazing.org/			25	1 copy	\$0.00	\$0.00	\$0.00	Put in engineering supply bag - gallon plastic sealable bag
							TOTAL	\$422.86	\$16.91	