

District Grant Budget - Pretty Brainy STEM Kits

Each kit will provide these items ---

Component	No. of Units per Kit	Total Hard Cost Per Kit
Multimeter	1	\$15
1.5 - 3V Motor	5	\$6.25
Cork	5	\$1.15
Alligator clips	5 sets	\$1.50
Bare copper wire	17 feet	\$5
Bar magnet	5	\$5
Lab thermometer	2	\$5.5
Rubber stopper	2	\$1.50
Guide to Engineering Design Thinking (PDF)	Online access for students, educators, and families	\$0 - \$6.50 (final TBD)
Guide to Science Practices: Observing, Forming Questions, Collaborating, Failing Forward (PDF)	..	\$0 - \$6.50 (final TBD)
Fact sheet and data sets on the greenhouse effect (PDF)	..	\$0 - \$6.50 (final TBD)
Template, turbine blades	5 sets	\$3

We are currently estimating a cost of \$50 per STEM kit. Our goal is to provide 12 kits for the Pretty Brainy fall STEM intensive, Mission Innovation, and addition 78 kits to go to Poudre School District Teachers. This cost would \$4500 for kits. An addition \$1500 is set aside for teacher professional development enabling us to train the teachers on the use of the kits.

Total Budget is \$6,000