Engines

2015 NATURE camp

Materials List

Activity #1- simple electric motor (materials for 1 group)

AA battery

4 paperclips

1 tag board square (8”X8”)

2 lengths of heavy wire, 6” long

24” of 22-24 gauge coated wire

3 round magnets

Electrical Tape

Note- the small gauge electrical wire may be hard to find. I found it a Huber’s Electric Motor Repair in Fargo, the rest can be found in Walmart

Activity #2 Mousetrap Cars (per group)

1 wooden mousetrap 7” wooden craft sticks X 4

Stick ball point pens X 2 12” rubber balloons X 2

New or used CD’s X 4 #6 cork stoppers X 4

1/8” x 6” wooden dowel X 2

7” string Small pushpin

Construction paper Hot glue gun

Activity #3 Hovercraft (per group)

1 empty plastic bottle

1 new or used CD

1 12” balloon

Hot glue gun