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| Each teacher can have a team of three students…  Things that each team will need for the Contest Challenge otherwise known as the “squirrel challenge”   * WHAT EVER YOU CARRY IN TO THE CONTEST YOU MUST CARRY OUT. * YOU MUST TAKE YOUR FINISHED PROJECT HOME WITH YOU AND YOU CAN RECYCLE THE BASE FOR NEXT YEAR. |
| *REQUIRED ITEMS:*  One ¾ inch sheet of plywood 24 inches X 24 inches.  *Our colors were green and blue, then my team might want to paint the board green and blue with a picture of the mascot in the middle of the board. Our mascot is the knot heads so my team paints a knot head in the middle.*  *ITEMS BELOW ARE ONLY OPTIONAL.*   |  |  | | --- | --- | | Some 1/2 inch PVC no more than 10 feet. | Blocks of wood (3/4 by ¾ by 12 inches, ¾ x 2 by 10 inches, 2 x 4 x 4, etc. just some random cuts) that can either be cut to size or maybe cut so you can either drill into or maybe glue on or nailed. | | Some ½ inch PVC fittings T’s, elbows, etc. | Wheels | | Some string | Paperclips | | Some wire | Hinges | | Some cloth (cotton scraps) | Ribbon | | A ¼ inch dowel | Tape | | A 3/8 inch dowel | Dry wall screws | | 2 or 3 zip lock sandwich bags | Buttons | | Thread | duct tape | | Magic markers different colors | masking tape | | Finishing nails (max of 10) | Poster board | | Small toy figures such as Papa Smurf or GI Joe or Power Rangers | electrical tape, thumb tacks, push pins | | Five sheets of paper | Anything that you may want to help with the challenge. | |
| SUGGESTION  YOU MAY WANT TO BUILD YOU A BOX TO CARRY THIS STUFF IN AND YOU CAN ALSO USE THE BOX AS A WORK BENCH SUCH AS A SAW HORSE OR CARPENTER’S BOX--- This box can be no larger than 24 inches long 24 inches wide and 12 inches deep – this will give you a 12 by 24 work top and be 24 inches from the floor if you stand it on end. |

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| THE TEAM TOOL BUCKET  YOU WILL NEED A 5 GALLON BUCKET THAT CANNOT OVERFLOW BUT MAY HAVE ANYTHING YOU MAY NEED IN THE WAY OF TOOLS.  In your 5 gallon bucket you will need things like:   |  |  | | --- | --- | | PVC cutter | Punch | | cordless drill, drill bits for your dowels, screw driver bit | Pencils | | scissors for cutting cloth or paper | Knife either utility or pocket | | hot glue gun ---extra glue stick | A staple gun | | hammer | Small saw (coping, back, etc.) | | Wire cutters | Screw drivers | | Measuring device | Anything else you can think of that will help you |   Extension cord with a power strip or a multi plugs on the end so we can plug in multi teams. |