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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.
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| *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.*

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| 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. |

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| 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 BUCKETYOU 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:

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| 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. |