



1999 WV TSA Problem Solving

Design Brief

Design and construct a vehicle, propelled by the power from a rubberband, that will travel the furthest distance within a 6 foot wide track.

Procedures and Limitations

- ✓ Each team should obtain the materials listed below. Any part of the materials can be used for construction of the vehicle, but you may not use any additional materials.
- ✓ Once any part of the vehicle crosses the edge of the track, the distance will be measured to there.
- ✓ The vehicle must stay in contact with the ground during testing. (The vehicle cannot be shot like a rocket!)

Materials and supplies for each team:

1	sheet legal sized paper	1	pencil
3	standard paper clips	1	compass
1	butterfly paper clip	1	pair pliers w/ wire snippers
1	plastic soda straw	1	scissors
2	large index cards		
4	rubber bands		
	narrow masking tape		
	white glue		