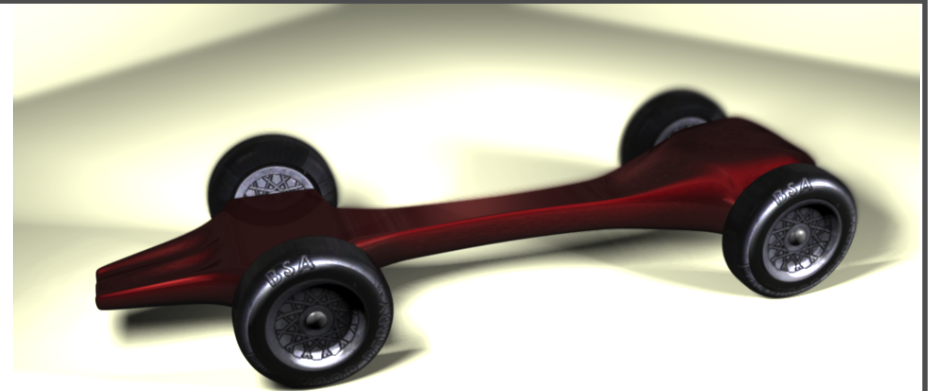
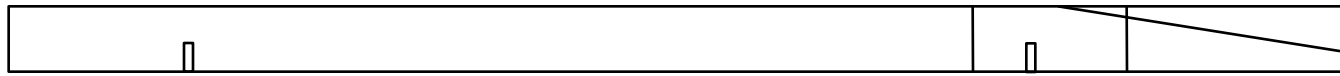


Physics and the Pinewood Derby

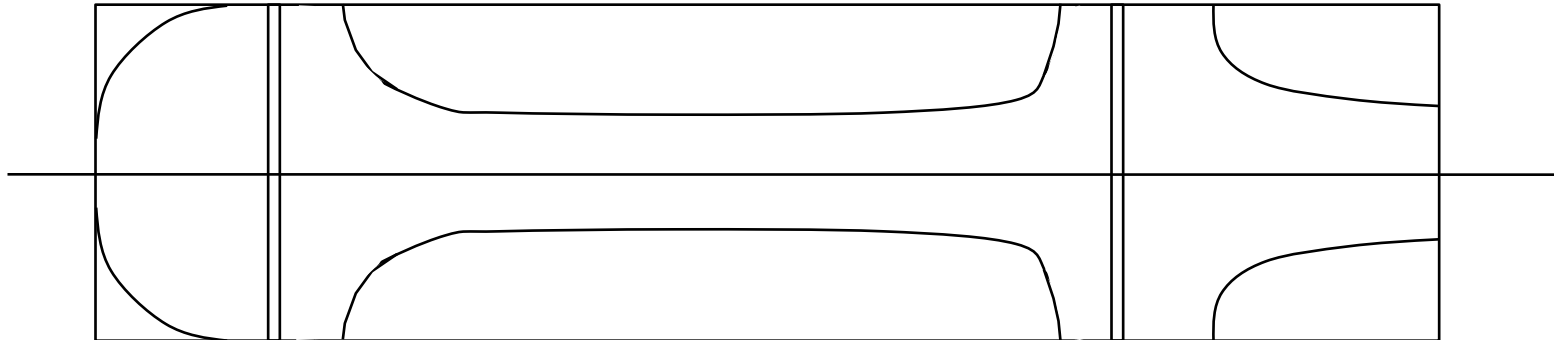
Pinewood Physics, LLC www.pinewoodphysics.com



Cut the car body thin for an aerodynamic advantage.



Tape this template to the top of the block of wood and use a coping saw to cut out the shape.



Or, open this template in the free drawing program Inkscape to design your own shape to tape to your block.

Watch how to use the template at <http://www.youtube.com/watch?v=x74tirWK9YU>

Buy the video to learn more about aerodynamics, weight placement, wheel alignment, and more!

Physics topics introduced in the video: Probability and statistics . The weight of the car .

Wind resistance . The center of mass . The moment of inertia . The Scientific Method .

And more!