

Musical Car Pricing Guide

Idea Name: Fast and Furious

How it will work:

The design simulates an actual driver's seat, with a steering wheel, two pedals (only one is functional), a gear, a seat, and perhaps a dashboard. Steer the steering wheel for different pitch. Step on the accelerator pedal on the right to increase the volume. The pedal resumes its original position when no force is applied to it; the volume is zero. Change the gear for sounds of different instruments.

Material List:

Item Name	Cost	Link to Item	Quantity	Total Cost
Arduino Uno	450	https://detail.tmall.com/item.htm?id=557847404084&ns=1&abbucket=19	1	450
Breadboard	0	home		
Dupont Line	0	home		
Steering Wheel	~300	*art student	1	500
Car Shell (including gear, pedals, seat)	~300	*art student	1	900
Gyro	78	https://item.taobao.com/item.htm?id=557221224771&ns=1&abbucket=19#detail	1	78
Encoder	~50	https://detail.tmall.com/item.htm?id=41159483136&cm_id=140105335569ed55e27b&abbucket=19	1	50
Wires	~55	https://item.taobao.com/item.htm?id=552757421580&ns=1&abbucket=19#detail	1	55
Button	~60	https://item.taobao.com/item.htm?id=553284011885&ns=1&abbucket=19#detail	1	60
Total				2093

Simple design drawing:

