

FASTISH





Youth Education

Side Street Projects

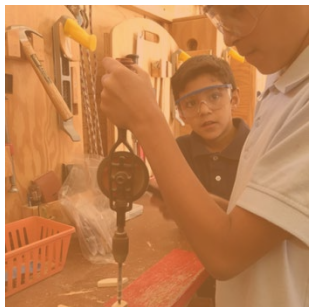
Our Mobile Youth Education program teaches tool based design and fabrication aboard mobile fabrication studios housed in buses and trailers.

The program teaches children creative problem solving and how to use tools safely, effectively, and ultimately independent of adult assistance.

Our hands-on model is designed for a range of learning styles and multiple intelligences. This program serves youth all over LA County, through in school programming, after school programs, museums, community events, and special events. More than half of the students receive the program for free through grants.

Side Street Projects

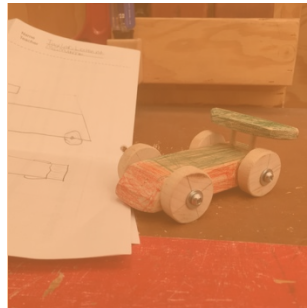
Why Side Street Projects?



01

We are makers

Kids at Side Street Projects and our team are all makers. All of us enjoy making and building cool things.



02

We make cars

The type or the sophistication might be different but we all build cars that goes fast.



03

We are local

We are all makers and we all make cars and we all live in Pasadena.



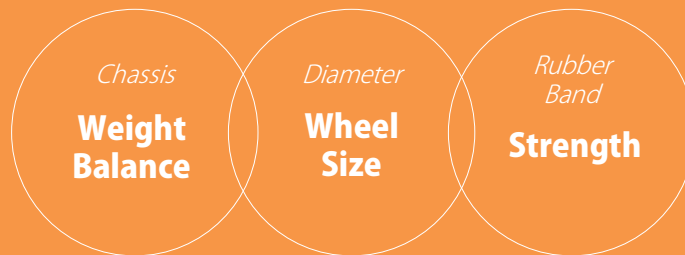
Our Class

Who is our audience?

We had a class of 15 students aging from 6 to 12 taking a summer workshop class as Side Street Projects. When we visited they all had their own projects and were very energetic.

What do we want to teach them?

What makes a FAST(ish) Car?



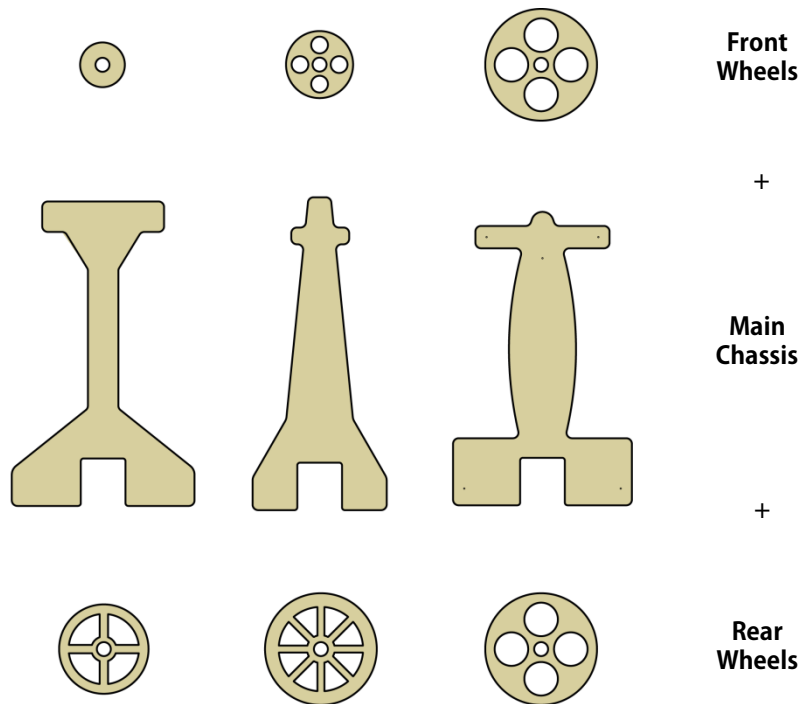
We wanted to talk to them about some of the components that make a fast car and how they influence the performance.



Project Mission

Build your configuration to build a FAST(ish) car

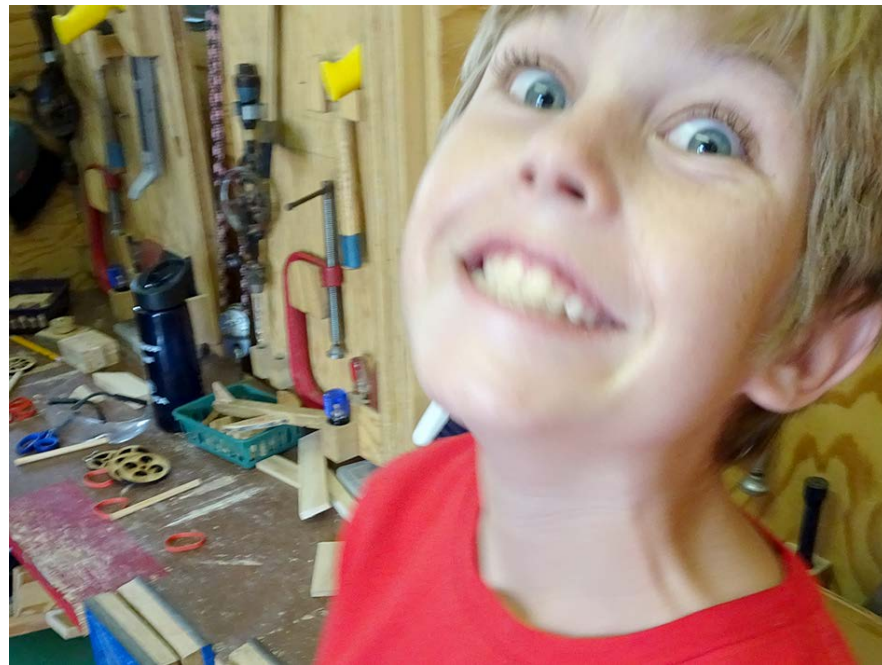
We provided kids with different components with different sizes for them to build their configuration to build a fastish car. We gave them instructions on how to assemble these parts and helped them.



Steps

This is how we ran the workshop

- 01 What makes a FASTish car?
- 02 Pick your parts
- 03 Build your car
- 04 Practice
- 05 Race!





“...We are from ArtCenter and we are going to be designing things like products...”

“Stuff that you sell on Amazon!”

TORQUE MASTER and
the maker of THE BLACK TIGER



01

What do you guys think make a FASTish car?



02

Here are some components to a car

WHAT'S A FAST(ISH) CAR?



03

Here are some components that makes a FASTish car



04

This is what we are going to make



05

Lets form a line and choose are parts



06

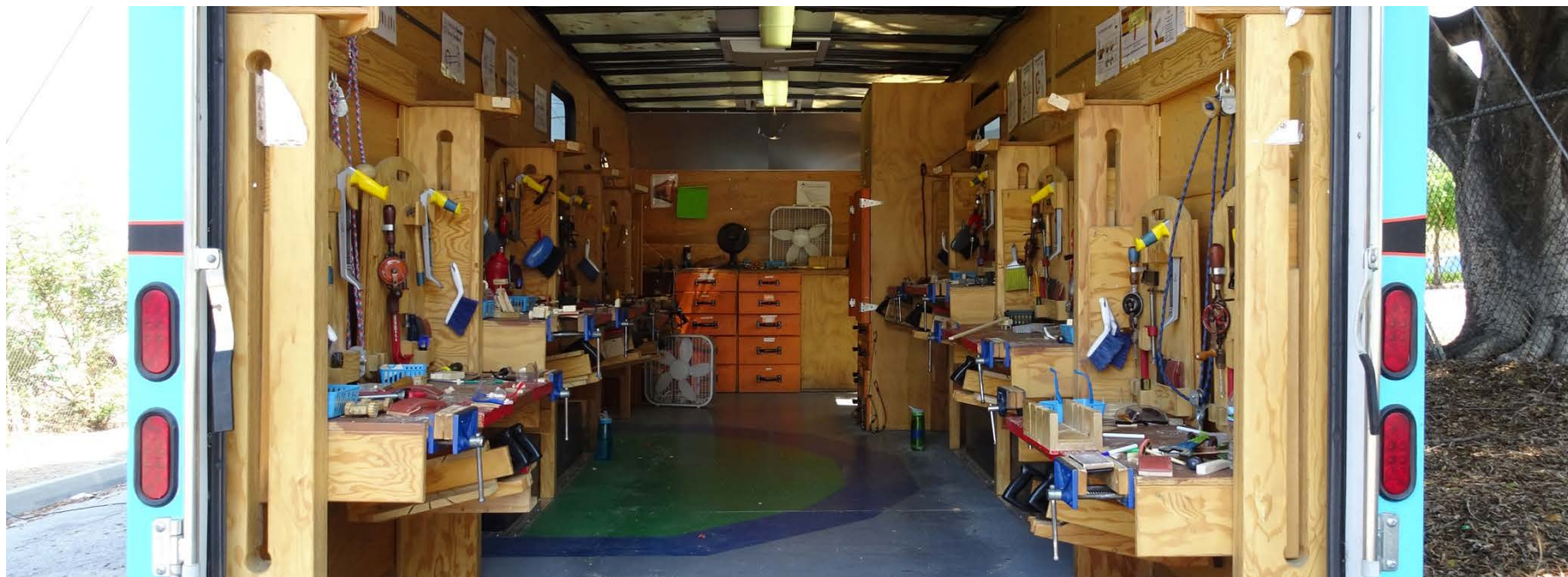
Hmm

Joshua Han, Theo Mandin, Remi Plewe, Raul Reyes



07

I don't know



08

Inside the Truck

LET'S START BUILDING



09

Project started



10

Age is not an issue



11

I'm confused



12 Remi giving instructions



13 Josh trying to be nice



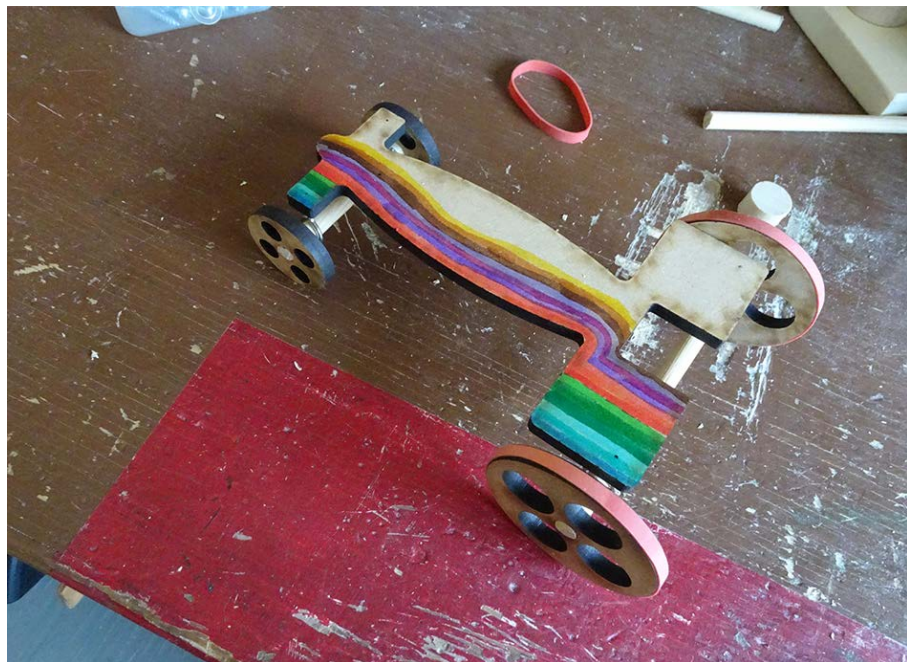
14 Raul talking to 'back scratcher'

COLOR & DECORATE YOUR CAR



15

My car is nice



16

Rainbow



17

TESLA

19

I like blue and green



18

Black Shadow

20

Black Tiger



GET READY TO RACE



21

VOOM



22

This is how I practice

Joshua Han, Theo Mandin, Remi Plewe, Raul Reyes



23

I got this

FAST 

Side Street Projects



24

Trying to get secret tips from the master



25

Trial and error

"My car is the torque master."

His strategy was to use two rubber bands on his car to create higher torque to win the race. He called his car the Black Tiger



26

I'm going to use 2 rubber bands



27

Some snack before the race

LETS GO RACE



28

Let the race begin

MAJOR PLAYERS



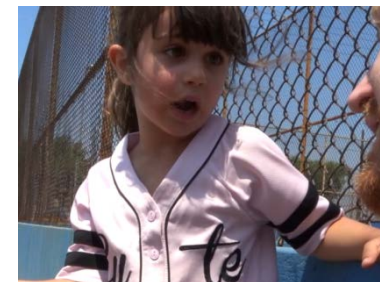
Diligence is the key



Nobody gets in my way, nobody.



*I'm not really interested in the race,
I just want to give back scratches.*



I don't want to race



Don't ever underestimate me



Secret is the rubber bands



Booger is my friend



Why am I so tired





31

Get ready-set-go

WINNER



33

This is what first place tastes like



34

YESS

THIS IS OUR CAR



35

This is more fun



36

This is how we made our car



37

COOL



38

Huh?



39

If I get one of those and he gets one of those, he can look inside a deep hole.



40

Please don't step on our car

YAY



41

Group photo!

LESSON LEARNT



42

Team Photo

Joshua Han, Theo Mandin, Remi Plewe, Raul Reyes

“Never underestimate kids.”

Joshua Han

“Getting involved in the community is easier than I thought and it’s great to feel like you’re actually influencing someone’s future.”

Remi Plewe

“I learned how to arrange events and work with non profits; create value for people.”

Raul Reyes

vimeo.com/226087085
Password : fastish

WATCH VIDEO ON VIMEO

 [Manage videos](#) [Watch](#) [On Demand](#) [Upgrade](#)

[Upload](#)



Side Street Projects WORKSHOP NOT YET RATED

from Joshua Han 23 hours ago | [more](#)

[See all video stats](#)

Only visible to you

FASTISH