

team tiny house

TEAM TINY HOUSE SPONSORSHIP PACKET

PREPARED BY TEAM TINY HOUSE

INTRODUCTION

Team Tiny House is a diverse team of 40 Thomas Jefferson High School of Science and Technology students who are passionate about engineering and inspiring the community towards sustainability.

MISSION AND VISION

Why

Vision:

Team Tiny House believes in a sustainable future for the planet.

How

Strategy:

Inspiring and educating sustainability in our community by showcasing our sustainable tiny house on wheels.

What

Outcome:

A community that is educated about climate change and steps they can take to help the issue.

STRATEGY AND PLAN

To engage the public and demonstrate a sustainable solution for housing, we are building a sustainable tiny house on wheels.

Short term plan (Summer 2022)

- **DONE:** Finish 3D model of the house in sketch-up.



- **DONE:** Prototype a 1/12 model of our tiny house (2ft x 8in) out of foamboard at the Robo-Lab in T.J.
- **IN-PROGRESS:** Raise money for the 2022-2023 school year
- **IN-PROGRESS:** Grow our social media platforms

Long term plan

Winter 2022: Construct small sections of the actual Tiny House indoors (cabinets, desk, etc.).



Spring 2023: Assemble small parts into a full-fledged Tiny House.



Summer 2023:

- Have first draft of our How-to Guide completed
- Improve the design of the tiny house for future constructions we do



Fall - Spring 2023: Building

Ongoing outline each year:

Summer: Planning and finishing how-to guide for that model of the tiny house

Fall - Spring: Building

MENTORSHIP

Ms. Kucko



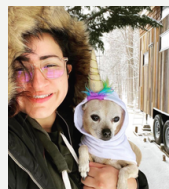
School Sponsor,
Mentor

Ms. Lee Pera



Engineering Mentor

Ms. Calderon



Engineering Mentor

Ms. La Force



Business Mentor

Ms. Suzanne King

Engineering Mentor

FUNDRAISING

PLAN

Fundraising begins with non-profit designation



Send Information Packet to companies we have connections with



Company donations in exchange for benefits (see last page)

Our internal preliminary pledgers are listed on the right

We have currently raised \$3100 in pledges

Sue Fajer	\$1100
The Mahajan Family	\$500
The Ravipati Family + Freddie Mac Match	\$200
The Wang Family + Freddie Mac Match	\$200
Alpha STEM	\$100
The Krepkin Family	\$100
maribellechu.com	\$150
amithp.com	\$100
The Yun Family	\$100
The Mao Family	\$100
The Bowen-Glazeroff Family	\$100
The Jain Family	\$100
The Muthusekaran Family	\$100
Other donations	\$150

OUR PROGRESS



Foam model of our tiny house

- Extensive Research
- Detailed Floor plan
- Foam-model
- Virtual Sketchup model



OUR TEAM

Community

- Engaging students with concepts in engineering and sustainability
- Signature Windflower activity in our outreach



Our Team

Excellence

- Hold each other up to a high standard
- Showcase our passion and connect with our audience



TTH Inter-Subteam Discussion

Fun

- Inspire a love of STEM in our audience
- Delight in educating younger generations about our project



TTH at Children's Science Center Earth Day Extravaganza!

Innovation

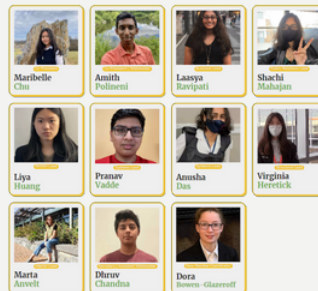
- Iterating on our sustainable tiny house design in SketchUp models
- Learning and improving through different perspectives



Our SketchUp Model

Leadership

- Established strong inter-team communication
- Executive Board is passionate and dedicated



ORGANIZATIONAL STRUCTURE

We work in six sub-teams, each specializing in a different aspect



Business

- manages finances
- coordinates outreach
- corresponds with the school and other partners



Public Relations

- coordinates outreach to raise sustainability awareness
- maintains a strong social media presence



REESH (renewable energy, electrical, smart home)

- powers the house
- sets up internet
- integrates smart home technology



Systems

- heating/cooling
- plumbing
- insulation & ventilation



Structural Design

- drafts the blueprints
- ensures building code requirements are met



Interior Construction

- designs and furnishes the interior
- kitchen, storage cabinets, loft, and lounge area

WHY TINY HOMES?

Main:

- Sustainable
- Affordable
- Mode to show sustainable living

Extra:

- Mobile and long lasting
- Low maintenance
- Energy efficient
- Insulated for variable climates
- More customizable



Our SketchUp Model

TARGET AUDIENCE

Our fully functioning tiny house will be located in one place for $\frac{3}{4}$ of the year, open as a walk-in exhibit for families and children. The other $\frac{1}{4}$ of the year our tiny house will be moved throughout the community - visiting schools, festivals, and events.

PROJECTED COSTS

REESH: \$10,000

- Solar Panels
- Batteries
- Electrical Circuit and Breaker
- Internet

Systems: \$6,000

- Water Tanks, Heater, Pump, and Dehumidifier
- Mini Split
- Insulation
- Composting toilet

Interior Construction: \$4,000

- Sustainable Furniture
- Kitchen Appliances
- Aesthetic Finishing and Decorations

Structural Design: \$15,000

- Trailer (used)
- Framing materials
- Roofing materials

Optional Pickup truck: \$40,000

TOTAL:

House: \$35,000

Optional Truck: \$40,000

SPONSORSHIP BENEFITS

Different sponsorship levels are available-suitable for every budget.
Sponsorship tiers include the following benefits:

Categories	Platinum \$10,000+	Diamond \$5,000 - \$10,000	Gold \$3,000 - \$5,000	Silver \$1,000 - \$3,000	Bronze \$100 - \$1,000
Logo/Name on our Website	✓	✓	✓	✓	✓
Mentions on all Social Media Posts (YouTube, Tik Tok, Instagram, Facebook)	✓	✓	✓	✓	✓
Logo/Name on Merchandise	✓	✓	✓	✓	
Mention in How-To Guide	✓	✓	✓		
Advertising in Public Events	✓	✓	✓		
Logo/Name on Outside of the Tiny House	✓	✓			
Wooden plaque with a logo, name, etc. engraved in house	✓				

Companies and individuals can also support us by supplying us with materials or appliances, in which case we would discuss the extensive benefits.

THANK YOU + CONTACTS

- Reach out to us at teamtinyhouse.org@gmail.com
- Website: <https://teamtinyhouse.org/>
- Follow our socials:
 - Instagram (@team.tiny.house)
 - Facebook (Team Tiny House)
 - YouTube (Team Tiny House)
 - TikTok (@teamtinyhouses)