

Science Accelerator Final Competition



ONE STEP FORWARD



ITALY - ISRAEL

**LICEO
STATALE
DEMOCRITO**

**ORT
BAMMALE**

**SHIMON BEN
ZVI HIGH
SCHOOL**

**KALAY
HIGH
SCHOOL**

KANNOT

OUR IDEA

We aim to produce **economic, ecological**
and **easy to use** space boots to help
astronauts in future missions to the
moon and even Mars.



A TEAM THAT MOVES FORWARD



Hi! I'm Riccardo Gobbi from **Liceo Democrito**. I'm 17. I'm a videomaker and I like space and planetology.



Hi there, I'm Fabio Pastore. I'm 17, I am a student at **Liceo Democrito** and I'm very passionate about space and its mysteries.

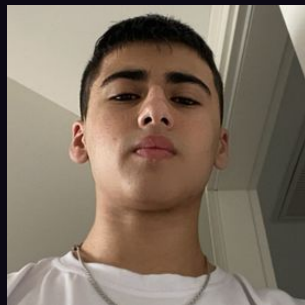


Hello, my name is Beari Biton, from **Ort Bamaale** I'm 15. I'm addicted to astronomy and an Elon Musk geek.



Hi I'm Raz, I'm 15, from **Shimon Bentzvi Givatayim**. I like climbing, playing guitar and programming.

A TEAM THAT MOVES FORWARD



Hello. My name is Daniel. I'm 15 and I am a student in **Kannot**. My hobbies are boxing and astronomy.



Hi, I'm Shir Khermosh, and I'm 14 years old. I'm a student from **Kalay high school**, **Givatayim**, and I like music and physics.



OUR MENTOR:

DR. ROY YANIV

ATMOSPHERIC AND SPACE SCIENTIST

**HOUSTON,
WE HAVE A
PROBLEM**

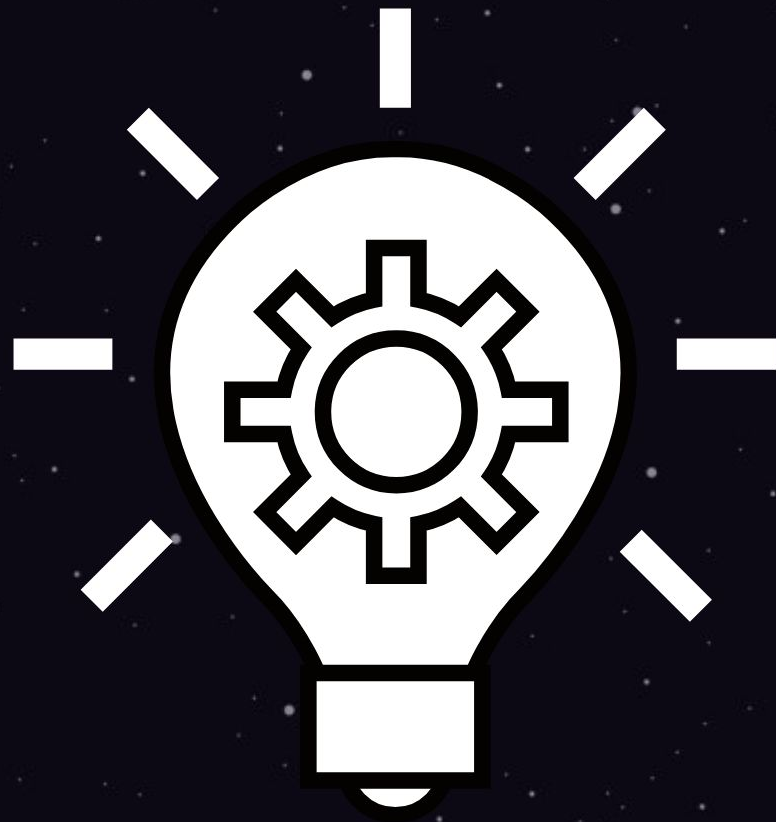


warning

- **Small** field of view because of the helmet.
- **Little** gravitational force.
- Very **powdery** and **insidious** soils.
- **Unfamiliar** topography



OUR SOLUTION



SPECIAL CUSTOM SPACE BOOTS

- ***UNIQUE FEATURES***
- ***INNOVATIVE***
- ***NECESSARY***

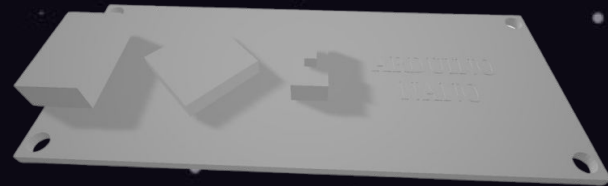


THE FEATURES

- Small stabilizing spikes
- A.I. System
- Fall detection system

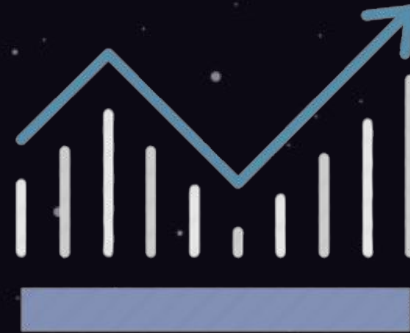
FUTURE IDEAS

- Integrated thrust system



MARKET RESEARCH

- Not many competitors.
- **The only ones** who invest in the **most important** part of the space suit.
- noticeable success rate.



MARKET SIZE

- the spacesuit market potential will grow by **78.39 million** USD from 2020 to 2025.

credit: Technavio

- it will only **increase** with humanity's progress towards Multi-planets missions.



OUR TARGET AUDIENCE

Our targeted demographics are very broad

- **future astronauts**
- **mountain climbers**
- **People with disabilities**

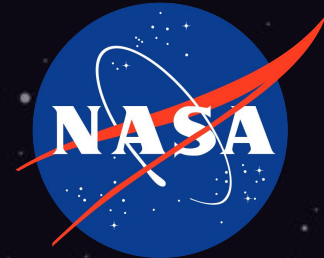
BUSINESS STRATEGY

- *Our business strategy is to partner with advanced companies and space agencies like NASA and SpaceX and see our products on all future astronauts who will go on missions to the moon and even Mars.*

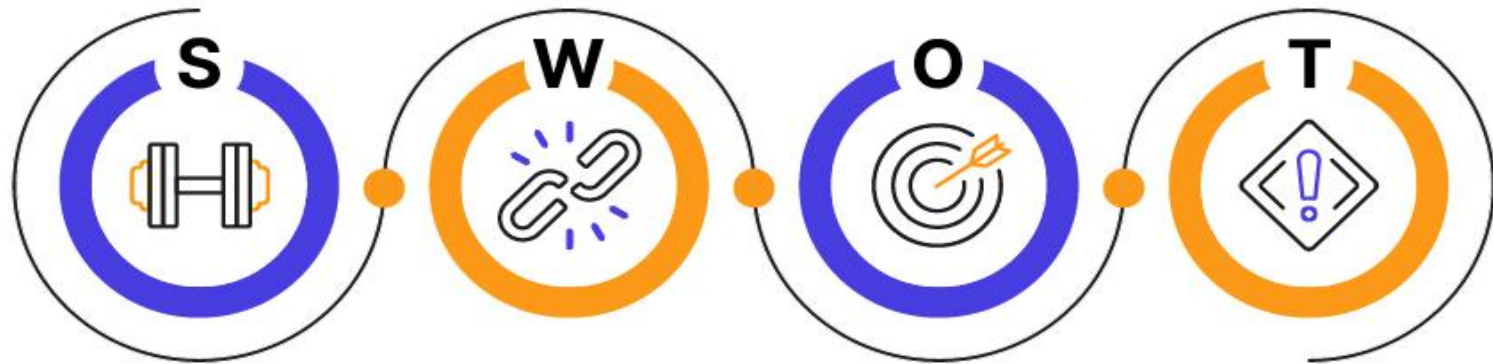
ONE STEP FORWARD



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S.W.O.T - ANALYSIS



ANALYSIS

S.W.O.T - ANALYSIS

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Strengths

- very wide target audience.
- In the future the product will be cheap thanks to 3D printing technology.
- easy to use.
- This will make walking on other planets easier and safer.

W

Weakness

- There are several companies with similar ideas.
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S.W.O.T - ANALYSIS

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Opportunities

- It can be used on several planets.
- companies like NASA and SpaceX would want our product to solve one of the multi-planet settlement problems.
-

T

Threats

- The boots should be made of strong materials due to harsh conditions, this would make the product more expensive.
-

LET'S GET ONE STEP FORWARD!

We are **determined**, excellent team workers,
experienced in **programming**, **video making**,
presenting and **designing**.

We want to **revolutionise** the space industry!

VISIT OUR SITE!

<https://one-step-forward.jimdofree.com>

