

Powerful Improvements for Education, Inc.



Workshop Handbook 2021

www.pieforlife.org



Welcome To the Force Workshop

PIE's 2-Day FORCE Workshops are created to be a life-changing introduction to software development and entrepreneurship for students of all ages.

Through the activities and our teaching approach, students are encouraged to conceptualize and apply STEAM subjects to everyday life.

FORCE is an acronym for...

Flexibility, Opportunity, Responsibility, Capability & Excellence

The program is designed to build integrity and intelligence through the application of lessons learned in school, while thinking of high-impact technologies that move society forward and help the community.

The program instills principles of living one's life with purpose and truth. It offers in-depth information for a well-rounded outlook on career options and living a mentally, physically and emotionally healthy life.

Sincerely,

PIE Founders!

PTT

Powerful Improvements

TABLE OF CONTENTS

CYBERSECURITY	6
SOFTWARE DEVELOPMENT	7
KINETIC ENERGY (KE)	8
APPLICATION OF KE	8
MATHEMATICS	9
THE ECONOMIC PERSPECTIVE	10
FAQS	11

**PIE IS A CULTURE
SHIFT**

**EQUAL
OPPORTUNITY
EDUCATION
& PROSPERITY**

FOR ALL



for Education

cybersecurity

Salary per Year: \$40,000-\$200,000+

Remote Opportunity: Yes

What to Google: list of cybersecurity sectors

There are many positions to fill within a company's Information Technology department.

The cybersecurity field is extremely diverse, ranging from Computer Network Architects to Computer Programmers.

There's huge potential to create your own opportunities.

The key is to learn the fundamentals of how to protect digital assets. Learn a well-rounded perspective of how each position contributes to the overall function of the project in study.

Software Development

Salary per Year: \$60,000-\$170,000+

Remote Opportunity: Yes

What to Google: list of software development sectors

Software development is comprised of gathering useful and popular information, called data, and arranging it in a way that tells your computer what to do.

This career ranges from creating video games and popular music streaming services to inventing the next most useful anti-virus software and blockchain software.

We'll focus HTML and CSS in this workshop, sprinkling in a little javascript to get students started.

```
<div className="container">  
  <Title name="our" title="product">  
    <div className="row">  
      <ProductConsumer>  
        {(value) => {  
          console.log(value)  
        }}  
      </ProductConsumer>  
    </div>  
  </div>  
</React.Fragment>
```

Kinetic Energy

Salary per Year: \$40,000-\$350,000

Remote Opportunity: Yes

What to Google: list of kinetic energy sectors; renewable energy; energy efficiency

There's so much potential in the energy industry. There are so many ways to advance society.

In upcoming years, this entire industry will need improvements in energy-efficient appliances, buildings, solar, wind, and bioenergy. Expect a lot of consumer-based revolutionary, innovative technology.

Focus on renewable energy and energy efficiency to get a basic foundation of each of these subjects, giving you more flexibility and an advantage.



**KNOW YOUR PURPOSE
BREAK FREE
SPEED IS KEY**

Mathematics

Salary per Year: \$50,000-\$200,000

Remote Opportunity: Yes

What to Google: list of mathematics sectors; logic, algebra and set theory mathematics

Problem solvers can create infinite opportunities in this industry. Every capable individual on this planet draws conclusions and solves problems everyday. This industry is for everyone.

Focus on conceptualizing the fundamentals of logic, algebra and set theory and realize their use in real life. Then, the application of the concepts becomes a breeze.

The secret is it gets more and more interesting once you realize math's direct impact on *your* life.

- kinetic energy = $\frac{1}{2}mv^2$
- m = mass
- v = velocity
- v = distance divided by time
- The unit for energy is joules.
- The unit for velocity is metres per second (m/s)
- **Force of impact = kinetic energy / distance**



The Economic Perspective

FAQS

Where can this program be initiated?

It will accommodate the specific needs of any student and any location.

How can I help PIE?

Help us expand. If you know qualified individuals, please send them our way. Help a child by becoming a sponsor or donor. Let one of our students shadow you. There are plenty ways to help, just visit our website or contact us to find out more.

How can I get involved?

In any way you'd like. Send us an email to be a sponsor or to partner with us. We will always respond in less than 48 hours. Visit our website at www.pieforlife.org/ events to apply for a job, to sign up as a volunteer, or to donate.

With proper understanding, students will find and create opportunities that can change their life forever.

They will transform their neighborhoods into prosperous neighborhoods.

We're creating a society where the demand for advanced education increases and the supply of information and resources increases to create perfect harmony of peace, unity and intelligence for all those affected by the harsh existence of poverty and discrimination.

What makes PIE different?

PIE fuzes the future with the present and the past. Students walk away from PIE with resources they can take back home today and tools they can use forever to educate themselves and others on every aspect of living.

What is the Build the City Initiative?

This initiative is about implementing activities to build the entire city in unity, social wealth, financial wealth and economic wealth. This is about improving individual and citizens' financial stability, physical, mental and emotional health, political responsibility and social responsibility.

How does PIE help the community?

PIE not only hosts educational events and classes, but we also provide resources for homeless people, the elderly, veterans, and marginalized groups throughout America.

What will be necessary to make this program happen?

The help of the community in expanding the program, teaching students the fundamentals of entrepreneurship and STEAM subjects.





Teach a child obedience, and he shall bless thee;
Teach a child modesty, and he shall not be ashamed.
Teach a child gratitude, and he shall receive benefits;
Teach him charity, and he shall gain love.
Teach a child temperance, and he shall have health.
Teach a child diligence, and his wealth shall increase;
Teach him benevolence, and his mind shall be exalted.
Teach a child science, and his life shall be useful.

– Noble Drew Ali