

# What is STEM?

Science

Technology

Engineering

Math



## Problem:

A graduating workforce with limited 21st century workforce skills

## Solution:

Implementing world class STEM curriculum in K-12 classrooms by helping teachers and providing a steady supply of STEM materials to classrooms



## Teachers are saying:

*"The teaching techniques and the resources provide a higher level of learning."* -Mi Wha Morrison, Benjamin Franklin Elementary

## Professors are saying:

*"...the teaching is what the program is about, based of course on what we know about learning."* -Dr. Bruce Ward, Harvard Smithsonian Center for Astrophysics

## Corporations are saying:

*"There are many emerging fields in this area, such as digital media, and more established fields, such as manufacturing and construction, that need applicants that are science- and math-savvy. We are beyond the days of reading a textbook. This program is about preparing our young people so we can leap-frog ahead."* -Woody Oge, Northrup Grumman

## Core Element President

*"This program is about exposure, creating an interest, and developing life skills that bring value no matter where a student chooses to go in life."* -David Huete

## Core Element: Greater New Orleans STEM Initiative

2045 Lakeshore Dr., Suite 552  
New Orleans, LA 70122

core.element@core4kids.org

504-355-2865 office 504-379-3826 fax



# Core Element

Greater  
New Orleans  
STEM Initiative



[www.core4kids.org](http://www.core4kids.org)

Promoting Quality  
Teaching in  
Science,  
Technology,  
Engineering &  
Mathematics

# What's in it for ...

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## Corporate & Government Stakeholders?

- Educated Workforce Investment
- Drive Sustainable Economic Development
- Promote Social Responsibility
- Enhance Community Involvement



*Donate*  
*Volunteer*  
*Participate*

## Educators?

- Ignite Student Interest in STEM Concepts
- Upgrade Science and Math Classrooms to a New Standard
- Exchange Best Practices and Ideas with Colleagues
- Transform Student Outcomes



*Participate*  
*Donate*  
*Collaborate*

## Parents & Community?

- Ensure Your Children Are Doing *AUTHENTIC* Science, Technology, Engineering and Math Everyday
- Foster the Natural Curiosity of Each Child
- Expand Academic Creativity for Each Child
- Advance Engaging Experiences for Every Child



*Advocate*  
*Volunteer*  
*Donate*