



# CHANGE IS SIMPLE

SCIENCE OF SUSTAINABILITY

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Change is Simple, Inc.



Integrating sustainability | CiS approach | School based

# MEANINGFUL & ENGAGING FOR STUDENTS

RELEVANT

MEMORABLE

DISCOVERY-BASED



# INTEGRATING SUSTAINABILITY & CLIMATE

- Climate change unites us all
  - Environmental health = human health
  - Resilient communities
- Need for quality STEM learning
  - Showcase pathways to STEM careers
  - Provide mentors
- Shifting paradigm of environmental education
  - Learner centric
  - Integrating all subject areas



# INSPIRING THE next generation

## Showcasing college & career

- Innovative tools, and tech
- STEM professionals
- College Mentors
- Exemplify actual tasks
- Real world skill development



# improve achievement and engagement

## Designed for schools

- Serve all children
- Fulfill school objectives
  - *Multidisciplinary*
  - *Common Core*
  - *NGSS*
  - *SEL*
- Impact children, families and planet



# RESEARCH & DATA

- Change is Simple engages in an multi-year program evaluation and research study conducted by Northeastern University Professors.
- This 3rd party evaluation allows for qualitative and quantitative outcomes.
  - Study includes:
    - Evaluation of program curriculum
    - Student surveys & engagement
    - Teacher surveys & reported student improvement
    - School administrative interviews

*Actual results : full report provided upon request*

## WHAT WAS THE LEVEL OF STUDENT ENGAGEMENT DURING CIS LESSON OBSERVATIONS?

- 510 minutes observed 185 students
- 100% of time observed was time on learning
- 100% of the time students were visibly engaged in the lesson

How was this measured:

### Five minute intervals based on Lane and Harris, 2015 Observation Protocol

Listening: Student is listening and making eye contact with instructor/activity

Reading: Student is reading material related to lesson

Writing: Student is taking notes on instructor material

Engaged Student Interaction: Student discussion relates to class material

Engaged Interaction with Teacher: Student is participating in discussion

# METHODOLOGY & THEORY OF CHANGE

## Methods

- Social Emotional Learning
- Project Based Learning & design thinking
- Hands-on 21st century learning
  - Inquiry based
  - Place based
- Real world/ applied concepts

## Theory of Change

- Social Incentives
- Emotional appeal
- Choice Architecture



*“Change is Simple provides the kind of learning that makes kids want to go to school.”*  
*- Debra Lay, Principal Beverly Public Schools*

# INCORPORATING SOCIAL EMOTIONAL LEARNING

- Bring enthusiasm about our topic and interacting with our teachers and students
- Give students time to process experiences and information
- Connections with the students build positive relationships and foster lifelong learning
- Provide an engaging and interactive environment for learning
- An inclusive educational setting
- Reflection activities for teachers and students





# SUPPORT FOR TEACHERS

- **Thoughtful Planning with teachers** - To ensure topics are infused into curriculum, our team will meet with your teachers to design a program that fits their objectives and needs.
- **Remote learning support** : Have CiS join your lessons to increase engagement!
- **Provide SEL** opportunities, reflection activities and concepts
- **Professional development** sessions for teachers focused on 21st century skills
- Support for teaching topic like **racial and environmental justice**.
- **Google classroom integration**
- **Guidance in setting up outdoor learning environments**
  - Gardens, observation areas, creative learning spaces.



# STUDENT ENGAGEMENT

- **In-Person Outdoor learning opportunities and adventures** - Just like our visits in the past, but outside with the proper physical distancing. (When deemed safe.)
- **LIVE online learning sessions** with active participation from your students. When weather or situation doesn't allow for in-person engagement, we bring sessions to classrooms or homes that engage students and allow them to work with our team directly as a group.
- **Small group instruction online with our team** - After live sessions with our team, students can break out into small groups to work directly with our team.



# For all scenarios

- **Virtual field trips led by our staff** - Join our team as we take tours of ecosystems, and other sustainability focused locations. These can be beamed into classrooms or experienced from home. Your students will be able to ask questions and participate.
- **Asynchronous learning opportunities with access to an online library of curriculum for all your classrooms** - dozens of topics covered with videos, activities, literature, Math, ELA and social emotional learning components. This is a library of activities that is growing daily with multiple new releases per week. Designed to be self guided learning with videos and images that will engage students.



Example of a shortened virtual field trip.

# PARTNERSHIP means Teamwork

## our team IS your team

This upcoming school year will certainly not come without challenges. We want to help, think of our TEN person team as a part of your STEM team. Bringing CiS on is like adding teachers to your school for a fraction of the cost. We aim to support teachers, help students and boost engagement.

