



**The Stone Soup Leadership Institute's
Sustainable Education Toolkit, companion curriculum for the book,
*Stone Soup for a Sustainable World: Life-Changing Stories of Young Heroes***

The Stone Soup Leadership Institute is excited to present educators with the Sustainable Education Toolkit, a companion curriculum for the book, ***Stone Soup for a Sustainable World: Life-Changing Stories of Young Heroes***. The book features real-life stories of 100 climate change trailblazers, environmental justice changemakers, educator champions, sustainability business leaders, intergenerational legacy figures, green inventors and entrepreneurs, and emerging island leaders from 38 countries around the world, and 32 U.S. cities.

**The Sustainable Education Toolkit
is a dynamic, solutions-oriented curriculum that makes these stories come alive!**

The Sustainable Education Toolkit is a diverse, inclusive, and extensive STEM and solutions-oriented sustainability curriculum with individualized lesson plans for each story that offer multi-faceted activities to help you incorporate sustainability into your Language Arts and STEM courses. Each lesson plan also includes practical information about sustainable career pathways, to help guide students toward the blue and green jobs that will help rebuild the planet.

The Stone Soup Leadership Institute is committed to a future in which sustainability is at the heart of our economies. Unfortunately, too few students today are obtaining the STEM education they'll need to navigate that new reality, or even a basic understanding of how important sustainability issues are for their future. However, as the news reveals every day, the rebuilding of our world in a sustainable way—one that provides opportunities to everyone, but not at the cost of future generations, or of the planet—is urgent.

The Sustainable Education Toolkit is a pedagogical tool designed to help teachers hone their students' skills in STEM and ELA. It is aligned with Next Generation STEM (NGSS) state standards as well the Green New Deal and President Biden's Plan for Climate Change and Environmental Justice. It will prepare your students for the millions of jobs that are being created to help rebuild the planet.

Our goal is to inspire your students to explore the world of sustainability.

About the Lesson Plans

Our primary goal in designing the lesson plans has been to make sure they are user-friendly. They provide educators with clear and easy-to-follow guidelines to help them organize their own lessons, while complying with their state's Department of Education requirements. Including the standards along with the lesson plans makes it easier for teachers to plan their classes and design assessments. We have taken great care to create lesson plans that are aligned with state standards and have clear and well-defined assessment methods, both formative and summative. Every assessment is designed with a specific academic goal in sight.

- **Values:** We've imagined the values each person embodied as they pursued their goals.
- **Language Arts Section** is designed to help students develop their critical thinking, reading ~~and~~ comprehension, and verbal and written communication skills.
- **STEM Activities Section** is interactive, engaging, and project-based. It is designed to motivate students use technology, creativity, and innovation to actively participate in problem solving.
- **Sustainability Innovations Section** features people and organizations around the world are tackling similar issues. It directs your students to a wide range of resources so they can continue their exploration with independent projects and science fairs.
- **Sustainable Career Pathways Section** grounds sustainability practices into the real world. We want students to understand that, just as the sustainability problems we are facing are real, so are the solutions to them. In this section we offer students real-world examples of careers in sustainability that they can explore.

Why Standards?

We have designed our lesson plans around state-specific standards to ensure that teachers are able to seamlessly include these lessons in their curriculum, and that students are receiving the best possible training in skills that will ensure their academic success. By aligning our lesson plans with state standards, we ensure that all students have the opportunity to develop the same skills, regardless of their ethnic background or socioeconomic status. Basing our lesson plans on state-specific standards guarantees that students will learn the skills their state expects them to develop; helps them to achieve academic success, and sets them up to succeed in their future professional lives.

The Sustainable Education Toolkit is aligned with the following state standards:

The Next Generation Science Standards (NGSS) The NGSS is the national and becoming a global standard. We model our lesson plans using NGSS, since take into account scientific innovation, and are designed to improve American students' ability to compete internationally towards scientific disciplines and careers. There are 20 states who use NGSS standards: Arkansas, California, Connecticut, Delaware, Hawaii, Illinois, Iowa, Kansas, Kentucky, Maryland, Michigan, Nevada, New Hampshire, New Jersey, New Mexico, Oregon, Rhode Island, Vermont, Washington + District of Columbia (D.C.), These states represent over 35% of U.S. students.

English Learning (ELA)

- Massachusetts Department of Education State Standards
- California Department of Education State Standards

Professional Development Educator Module focuses on how to use sustainability as a means to keep students engaged, as they develop the skills they need to succeed in their academic lives.

Our Team: We are proud to have an exceptionally strong team comprised of academics, educators, researchers and youth leaders from a diversity of cultures. We have use a collaborative learning process to develop this companion curriculum. Their diverse cultural, professional, and educational backgrounds ensures that the team as a whole has diverse points of view, and that each of the lesson plans has a rich, engaging, and global perspective.