



**The Stone Soup Leadership Institute's BETA Program  
Redwood High School Environmental Science & Tech Program**

**Illai Kenney – HBCU Green Fund  
Green Building**

**1. Language Arts**

**10 minutes**

• A big part of Illai's activism was inspired by her mother and grandmother. Reflect on a member of your family, a teacher, or a friend whose presence in your life has inspired you to fight for a sustainable goal that would benefit not only you but those around you. Free write about your experience with this family member and share in groups.

**2. Introductions/Synopsis**

**5 Minutes**

• Read Synopsis of the story.  
• Watch this video from Illai Kenney describing her story, path to her career and the benefit of pursuing a Green Building Certificate: <https://www.youtube.com/watch?v=qmMNZvo-5cI>

**3. STEM Activities**

**10 minutes**

• Illai's personal battle with asthmas and goal to reduce pollution inspired her to start Georgia Kids against Pollution at 12 years old. Using these materials, learn about the connection between sustainable buildings, global warming and air quality. Review the Daily Air Quality Tracker for your local community. EPA Daily Air Quality Tracker: [Compare Air Quality by Region](#). Based on your findings, answer the following questions:

- During which months is the average air quality the worst?
- During which months is the average air quality the best?
- Does higher temperature correspond with better or worse air quality?
- Is the current average air quality in your area considered good, moderate, unhealthy for sensitive groups or unhealthy?
- So far this year, is the average air quality in your area (or whichever location is closest to you) higher, lower, or about the same as the 5-year average (2015-2019)? How about compared to the last 20 years?

**4. Sustainable Career Pathways**

**10 minutes**

• Sustainability Certificate: Green Building - [Green Building Research Institute](#)  
• Career pathways

- Sustainable Director - [How do I become a Sustainable Manager?](#)
- Green Architect - [Green Architect Career and Roles](#)
- Sustainability Specialist - [Why Sustainability Specialists are the key to a more sustainable future](#)

**5. Close: Evaluation/ Writing**

**5 minutes**

• What inspires you about Illai's story?

**Stone Soup Leadership Institute**  
[www.stonesoupleadership.org](http://www.stonesoupleadership.org)  
<https://sustainwdn.com/redwood-high-school-beta/>