

2030 OR BUST

**Start-up Kit for
2030 or Bust School
& Community Clubs**

December 2020

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Next Generation Science Standards

Welcome to 2030 or Bust, an extraordinary organization that is actively shifting the mindset of climate change and the opportunity it presents from something overwhelming, depressing and inaccessible to simple, actionable and even fun.

Young people are leading the way in our global efforts to stop climate change, and we thank you for starting a local 2030 or Bust chapter at your school. This information is designed to empower you, and as we move forward together, we welcome your ideas and efforts to expand this work.

The work of 2030 or Bust is highly relevant in our global society, and correlates directly to the **National Next Generation Science Standards**. Specifically, the following standards are directly addressed through participation in 2030 or Bust:

Middle School Earth and Human Activity Strand

<https://www.nextgenscience.org/dci-arrangement/ms-ess3-earth-and-human-activity>

- **MS-ESS3-3:** Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment.
- **MS-ESS3-4:** Construct an argument supported by evidence for how increases in human population and per-capita consumption of natural resources impact Earth's systems.
- **MS-ESS3-5:** Ask questions to clarify evidence of the factors that have caused the rise in global temperatures over the past century.

High School Earth and Human Activity Strand

<https://www.nextgenscience.org/dci-arrangement/hs-ess3-earth-and-human-activity>

- **HS-ESS3-1:** Construct an explanation based on evidence for how the availability of natural resources, occurrence of natural hazards, and changes in climate have influenced human activity.
- **HS-ESS3-4:** Evaluate or refine a technological solution that reduces impacts of human activities on natural systems.
- **HS-ESS3-5:** Analyze geoscience data and the results from global climate models to make an evidence-based forecast of the current rate of global or regional climate change and associate future impacts to Earth's systems.

High School Ecosystems Strand

<https://www.nextgenscience.org/dci-arrangement/hs-ls2-ecosystems-interactions-energy-and-dynamics>

- **HS-LS2-7** Design, evaluate, and refine a solution for reducing the impacts of human activities on the environment and biodiversity.

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Tips to get started with your school club

- **Register** your club by emailing Heather Snookal at snookal@gmail.com. As more clubs are formed, you will be included on a club based emailing list and developing social network.
 - **Download the 2030 or Bust app** on all student devices
 - **Determine** what your students are most passionate about (recycling, alternative energy, reducing individual/school carbon footprint, ecologically sound food choices, sustainable technology, etc.) and run with it! Allow your student's personal interests to determine the direction and **self-expression** of the club.
 - **Create** a club focus and initial **project** with the following components:
 - Increasing **Awareness**
 - Getting into direct **Action**
 - Foster student **Self-Expression**
- Example projects:
- **California Bay Area: Youth Climate Empowerment March – the future is Now, the future is Mine!**
 - **Energy and resource audit:** Raise awareness by conducting a school-wide or community wide energy audit that incorporates community education, data collection, and changing consumption habits.
 - **2030 or Bust app canvassing and downloading campaign and competition:** Develop a campaign to have every student in the school or every individual in your community get into action by downloading the 2030 or Bust app and then host a competition to see who can take the most actions in a specified amount of time.
 - **Social Media Blast Campaign:** Youth are the most virtually connected. Develop a campaign to get the entire world involved in stopping climate change by having your club lead the way establishing their online presence.
 - **Earth service days:** Develop and host tree planting events, garden planting events, recycling and electronic waste collection drives, composting education events, etc...