

SERVICE, SCIENCE, FUN

SERVICE BEAKERS INC.



Service Beakers



CHAPTER HANDBOOK

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MISSION & VISION

About Us

Service Beakers is a student-led nonprofit that leverages hands-on science activities, science education, and science's relation to popular culture in order to teach young students how to be more environmentally-initiating and environmentally-conscious within the globalizing world. Service Beakers has provided lessons to eight schools across NC, serving a total of more than 3,600 children. Started in response to the educational deficiencies across NC, our group now provides COVID-19 disaster relief across the nation by providing our free and engaging science lessons which can be implemented in a virtual or in-person setting.



BY THE NUMBERS

In Just One School Year

8 Partnered Schools

Average Teacher Rating:
4.9/5 stars

45+ Dedicated Volunteers

100+ Free Lessons Taught

3600+ Students

"Both virtual and in person classes were great! The team was always on time and prepared to present. Lessons were really engaging. Small groups and breakout rings were utilized to keep all students actively involved."

- Laura Pomes, NC Elementary Science Teacher

"Service Beakers are truly an exceptional group of presenters who are going above and beyond with their initiatives!"

- Indira Bhandari, NC Middle Science Teacher

ACTIVITIES

WHAT EXACTLY DO WE DO?

ORGANIZATIONAL STRUCTURE

Service Beakers is a student-led organization; we have six central board members and additional officers running each Service Beakers chapter. Chapter officers recruit local volunteers as presentation leaders who lead the offered science lessons with the help of other volunteers. We're happy to have you on board to help push these lessons to as many kids as possible.

EDUCATION

Thus far, Service Beakers has provided free science/environmentalism education in the form of custom slideshow lessons with supplemental hands-on activities for grades 1-8. We stress the importance of multi-media education – additional resources such as videos, social media posts, and environmental workshops are all essential in effectively engaging students. However, students can be taught in a variety of ways--as long as they are learning about science and environmentalism, any form of education is applicable. Examples of unique presentation styles could include organized nature walks or activity kits specially created for a topic.

START-YOUR-OWN INITIATIVE (SYOI)

Our SYOI challenge program is mentioned in all of our lessons, and it encourages kids to use what they know/learned about science to serve their community in their own simple service initiatives, for example, keeping the lights off for an extra few minutes each day. Each month, the SYOI program has a central environmental theme, and students can apply to win the monthly challenge by submitting pictures of the pertinent environmental service they undertook.

A BREAKDOWN OF OUR APPROACH

We have no strict requirements for what chapters should do as long as they are focused on providing science/ environmental education to young students! Below and on the next page are some traditional ideas for how chapters can proceed.

VIRTUAL/IN-PERSON LESSONS

Lesson sessions to elementary and middle schools are the most popular way that Service Beakers engages students. They will be taught primarily in a virtual format for the 2021-2022 school year. Upon registration, chapters will have access to our whole collection of teaching resources.

SOCIAL MEDIA

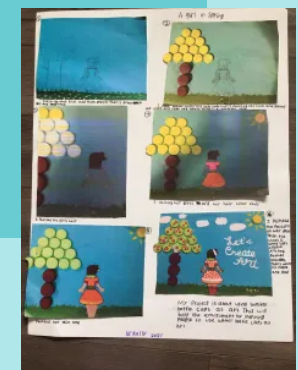
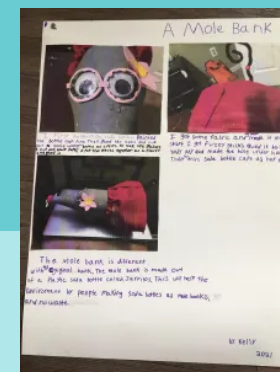
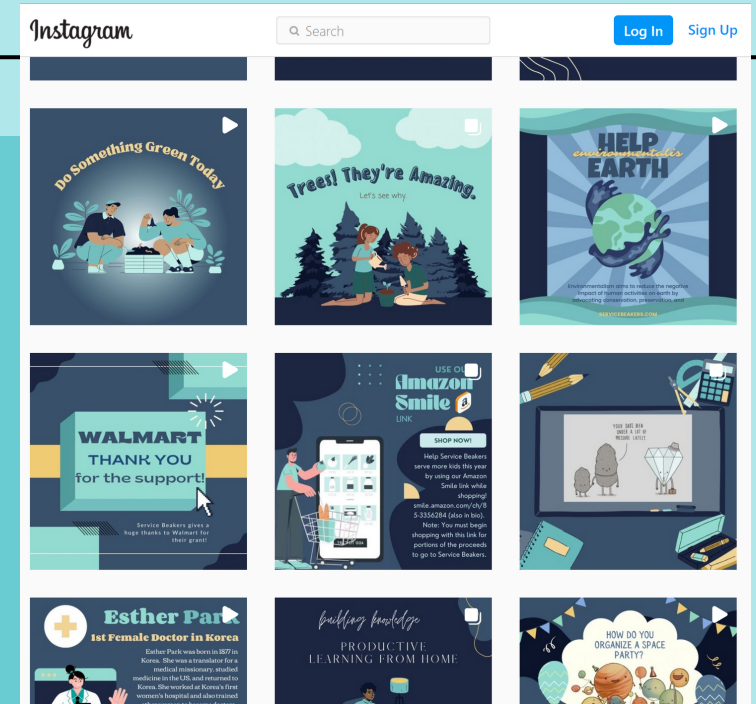
We use social media such as Instagram and TikTok to engage students well beyond the classroom. Chapters can play an important role in creating resources to capture students' curiosity online.

Below are some additional ideas for ways that chapters can help! Each of these items can be implemented in lessons and/or social media:

- hands-on activity (DIY) videos
- environmentalism infographics
- informative slideshows
- short videos connecting environmentalism to pop. culture (references in movies, trends, etc.)
- live or recorded SYOI workshops (guide kids in thinking of environmentalism ideas)
- in-person or virtually recorded nature walks
- activity kits created for students' use
- *and many more!*

ACTIVITIES

CONTINUED



GETTING STARTED



1

APPLY

- Fill out this [application form](#) to get registered. **We will create a unique email and Instagram account for your chapter.**
- **PLEASE CONTACT US WITH ANY QUESTIONS OR CONCERNS.**

2

SET-UP

- Establish what you would like to do as a chapter (*present lessons to local schools? create social media posts for awareness? make lesson designs for other chapters to use? Refer to the above **Activities pages** for ideas*).
- Recruit a team of volunteers.

3

BEGIN!

- Get started, and post accomplishments, milestones, pictures, etc. on your unique chapter Instagram account.
- OUR ONE MANDATORY RESPONSIBILITY: At the end of each quarter, we will send you a template to create a "recap post" for your Instagram. This will be your chance to show-off your accomplishments and keep us in the loop on what your chapter is up to.

4

KEEP EXPANDING!

- Continue to grow your efforts.
- View our **Suggestions page** below for tips on how to expand.

SUGGESTIONS

WANT TO PRESENT LESSONS?

- Try to partner with local schools first.
- Create an email list for local schools' principals' emails.
- Email concisely -- principals/teachers have limited time, and shorter emails increase your chances of a reply. You can always meet with teachers to give them more information later.

HAVING TROUBLE GETTING VOLUNTEERS?

- Hang flyers around your school with a QR code on how to sign-up!
- Try to see if you can get a chapter shout-out in school announcements.
- Email your teachers to see if they would be willing to post an announcement on their online Classroom Pages.

TG

GOT QUESTIONS?

CONTACT US

www.servicebeakers.com

contact@servicebeakers.com | [@ServiceBeakers](https://www.instagram.com/ServiceBeakers)

