



School Syllabus

In-Person

- [Single Class](#)
- [Full/Half Day](#)
- [After School](#)

Virtual

- [Single Class](#)
- [Full/Half Day](#)
- [After School](#)

Please note that all schedules are extremely flexible, and they are shown here as a template for how Service Beakers operates.

General Information

General Science Objectives

- Introduce students to high-level scientific concepts, vocabulary, and topics
- Teach lab safety
- Emphasize scientific understandings in the context of their negative effects on the planet
- Spark curiosity for science

In-Person Science Objectives

- Familiarize students with lab equipment
- Further engage students through the use of hands-on science experiments

Virtual Science Objectives

- Familiarize students with virtual means - websites, programs, etc.
- Further engage students through the use of enticing virtual science activities

Service Objectives

- Build habits in students to use knowledge/research to effectively solve issues
- Teach students about the importance of caring for the earth
- Promote collaborative attitudes
- Demonstrate how service is an essential trait of society
- Spark an initiative in students to apply knowledge and perform acts of service

Lesson Topics

- Follow along and build off of Wake County Public Schools science curriculums for grades 2-8 at any point during the school year
- Include additional application of science topics to methods of serving the community
 - *See SYOI Informational Page by scanning the QR Code for more information, or click [here](#)*





In-Person

These schedules are based on an 8:00-3:00 school schedule, with 45 minute periods. Although this is the standard schedule, the time is flexible and can change on a school-to-school basis.

In-Person (Single Class)

+0:00-5:00 Crew sets up

+6:00 Crew begins presentation, enticing activity

+10:00 Presentation

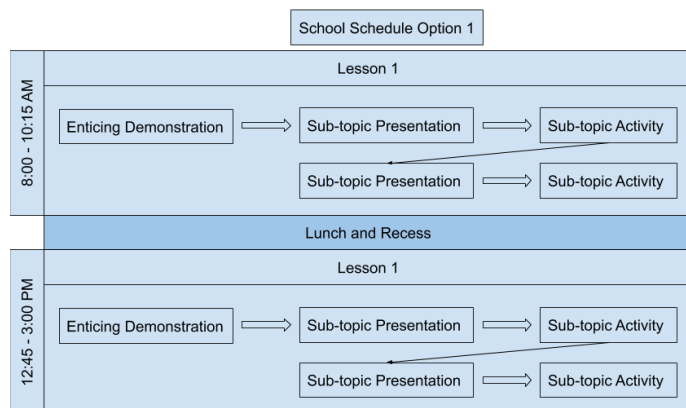
+14:00, +21:00, +28:00 Activities (~5 minutes, intermittent)

+35:00 SYOI information

+40:00-45:00 Crew cleans up

In Person (Full/Half Day)

Each lesson will cover one overarching theme, split across two closely-related sub-topics.



7:40 AM Morning crew arrives

7:40-8:00 Set-up materials

8:00-8:20 Enticing demonstration (science experiment to grab attention)

8:20-8:35 Subtopic presentation (electronic presentation of material)

8:35-9:10 Subtopic activity (relevant hands-on activity)



School Syllabus

9:10-9:25 Subtopic presentation

9:25-10:00 Subtopic activity

10:00 SYOI information

10:05-10:15 Cleanup

If two lessons are being taught in one day, schedule continues as follows:

12:25 PM Afternoon crew arrives

12:25-12:45 Set-up materials

12:45-1:05 Enticing demonstration

1:05-1:20 Subtopic presentation

1:20-1:55 Subtopic activity

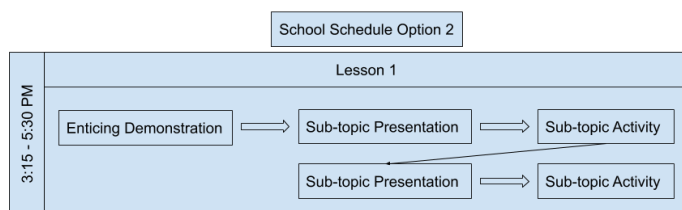
1:55-2:10 Subtopic presentation

2:10-2:45 Subtopic activity

2:45 SYOI information

2:50-3:00 Cleanup

In-Person (After School)



2:55 PM Crew arrives

2:55 -3:15 Set-up materials

3:15-3:35 Enticing demonstration (science experiment to grab attention)



School Syllabus

3:35-3:50 Subtopic presentation (electronic presentation of material)

3:50-4:25 Subtopic activity (relevant hands-on activity)

4:25-4:40 Subtopic presentation

4:40-5:15 Subtopic activity

5:15-5:30 Cleanup

Virtual

These schedules are based on an 8:00-3:00 school schedule, with 45 minute periods. Although this is the standard schedule, the time is flexible and can change on a school-to-school basis.

Virtual (Single Class)

+0:00 Crew joins Google Meet

+1:00 Crew begins presentation, enticing activity

+3:00 Presentation

+5:00, +15:00, +25:00 +35:00 Activities (~5 minutes, intermittent)

+40:00 SYOI information

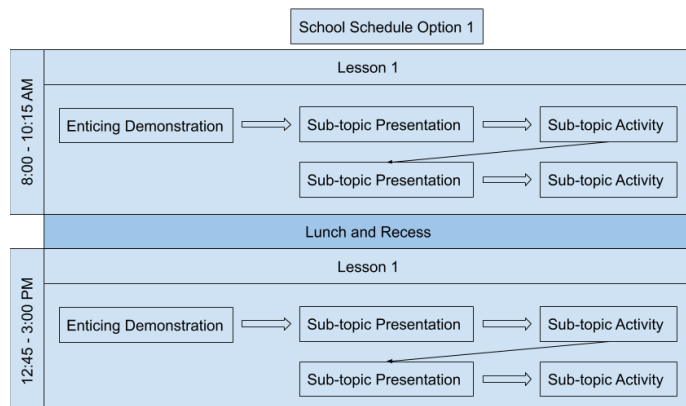
+45:00 Crew leaves Google Meet

Virtual (Full/Half Day)



School Syllabus

Each lesson will cover one overarching theme, split across two closely-related sub-topics.



7:55 Morning crew joins Google Meet

8:00-8:20 Enticing demonstration (science experiment to grab attention)

8:20-8:35 Subtopic presentation (electronic presentation of material)

8:25 Presentation activity (~1 minute)

8:35-9:15 Subtopic activity (relevant virtual activity)

9:15-9:30 Subtopic presentation

9:20 Presentation activity (~1 minute)

9:30-10:10: Subtopic activity

10:10 SYOI information

10:15 Morning crew leaves Google Meet

If two lessons are being taught in one day, schedule continues as follows:

12:40 Afternoon crew joins Google Meet

12:45-1:05 Enticing demonstration (science experiment to grab attention)

1:05-1:20 Subtopic presentation (electronic presentation of material)

1:10: Presentation activity (~1 minute)

1:20-2:00 Subtopic activity (relevant virtual activity)



School Syllabus

2:00-2:15 Subtopic presentation

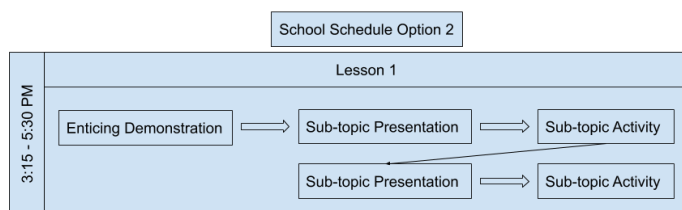
2:05 Presentation activity (~1 minute)

2:15-2:55 Subtopic activity

2:55 SYOI information

3:00 Afternoon crew leaves Google Meet

Virtual (After School)



3:10 PM Crew joins Google Meet

3:15-3:30 Enticing demonstration (science experiment to grab attention)

3:30-3:45 Subtopic presentation (electronic presentation of material)

3:40 Presentation activity (~1 minute)

3:45-4:20 Subtopic activity (relevant hands-on activity)

4:20-4:35 Subtopic presentation

4:30 Presentation activity (~1 minute)

4:35-5:10 Subtopic activity

5:10 SYOI information

5:15 Crew leaves Google Meet