

**Smart Greenhouse and Transparent Soil** project resources  
2021 NSF STEM For All Video Showcase  
Innovation in Urban Science Education Lab  
Lynch School of Education and Human Development, Boston College  
<http://iuse.bc.edu>

**All supplemental materials** are available in this folder:  
<https://drive.google.com/drive/u/1/folders/1KbjjGlwzM8wxCqldKA1y5O8sF91ZO8uW>

Here is an **overview of the materials**:

1. [February 2020 Coding Bootcamp](#) (training **high-school**-students to teach **middle-school**-students)
  - a. [Curriculum materials](#)
  - b. [Photos](#)
  - c. [Schedule](#)
  - d. [Example activity](#)
  
2. [Summer 2020 training](#) (training middle-school-**teachers** to teach middle-school-**students**)
  - a. [Code \(.HEX\) files and notes from training sessions](#)
  - b. [Teacher-notes from training sessions](#)
  - c. [Program Book v3 \(\*many\* example activities\)](#)
  
3. [Spring 2021 “DIY Greenhouse”](#) (Do-It-Yourself; lower-cost, smaller-footprint, and easier assembly)
  - a. [3D-printable parts \(.STL files\)](#)
  - b. [Build videos \(.mp4 files\)](#) / also available as part of a [YouTube playlist](#)
  - c. Slideshow on [“Building the DIY automated greenhouse”](#) (.PPTX)
  - d. [Photo of a completed DIY Greenhouse](#) (.JPG)

With any questions/comments/etc., email [bclsoeiuselab@bc.edu](mailto:bclsoeiuselab@bc.edu)