Adapted from our high school curriculum, BioBuilders 6-7-8 provides teams of middle school students with an introduction to the BioBuilder curriculum and an opportunity to pursue team projects in biodesign, working on novel biotechnologies that can make the world a better place.

Created for students in virtual, in-person, and hybrid classroom models, BioBuilder can now provide science students and their parents with the online resources they need for a successful academic year.

This workshop will be offered as an open course to be run through the classroom, but can also be run for an entire grade/school depending on the number of students.

PROGRAM HIGHLIGHTS

In this program, middle school students will gain access to:

- Five (5) hours of live instruction from BioBuilder’s Teaching Fellows;
- Four hours (4) of guided biodesign project team collaboration;
- Reference materials;
- Personalized feedback on assignments, project ideas and the design process from BioBuilder staff;
- A Project Showcase, in which student teams present their biotechnology ideas through pre-recorded video or audio presentations.

BIOBUILDER TEACHING FELLOWS

**DR. VIVEK BAJAJ**

Vivek holds a PhD in Microbiology from Harvard Medical School and a Master’s in Education from Lesley University. Before joining BioBuilder, Vivek taught in two Boston-area private middle schools and most recently in a STEM after-school program.

**DR. KATE BACON SCHNEIDER**

Kate received her PhD in Biology from MIT and was previously an instructor in the MIT Department of Biology. She has worked with BioBuilder’s Apprenticeship Challenge since 2016, and has been teaching in the Learning Lab since March 2018.