

IDEA

ACCELERATOR

ACADEMIC YEAR 2023-2024

BioBuilder's Idea Accelerator is an online science and engineering curriculum that allows high school students to explore synthetic biology and develop their own biotechnology ideas.

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

BioBuilder's Idea Accelerator is our introductory program, helping teams of students get started on the design of new biotechnologies that can make the world a better place.

Starting with the 2023-2024 school year, the Idea Accelerator is an "on demand" program. Reach out to us through info@biobuilder.org and we'll open our teaching platform for your school group.

PROGRAM HIGHLIGHTS

In this three-week program, students will gain access to:

- Five (5) hours of asynchronous lectures in synthetic biology from Dr. Natalie Kuldell, MIT Senior Lecturer in Biological Engineering and BioBuilder's Founder and Executive Director;
- Complete chapters from BioBuilder's textbook for pre- and post-lecture readings, as well as new design assignments, and additional reference materials;
- Personalized feedback on assignments, project ideas and the design process from practicing bioengineers and BioBuilder teaching assistants;
- Real-time guidance on student ideas by STEM professionals during three (3) live Office Hours sessions; and
- A Project Showcase, in which student teams present their biotechnology ideas through pre-recorded video or audio presentations.

Learn more at biobuilder.org/program/idea-accelerator/

BioBuilder.org