



BioBuilderClub

ALL YOU NEED IS A
GOOD IDEA AND WE'LL TEACH
YOU THE ENGINEERING THAT
BRINGS IT TO LIFE

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ACADEMIC YEAR TIMETABLE (MID SEPTEMBER- LATE MARCH)

An afterschool club

HIGH SCHOOL TEAMS USING SYNTHETIC BIOLOGY
TO DESIGN/BUILD/TEST THEIR OWN IDEAS.



COMMUNITY

- ▶ MENTORSHIP FROM PRACTICING SCIENTISTS AND ENGINEERS

The BioBuilder Club presents unique opportunities for bioengineering projects that last 1 year or many, and that build lasting connections with mentoring STEM professionals.



FUTURE CAREERS

- ▶ OPPORTUNITY FOR STUDENT AND TEACHER PROFESSIONAL DEVELOPMENT

Students work on teams to develop collaborative skills, project management experience, and communication know-how.

Teachers find the experience a powerful way to increase their understanding of a cutting-edge field and to bring effective new curriculum into their classrooms.



SCIENCE AND ENGINEERING

- ▶ HANDS-ON, TEAM-BASED STEM DESIGN CHALLENGE

Projects address real world challenges through the design of a biotechnology. Projects focus on grand challenges such as human health, environmental safety, and sustainable food, fuel, and energy.