

# APPLICATION: BioBuilding2011 @ MIT

## 1. WELCOME

Thank you for your interest in the BioBuilding2011 Professional Development workshop @MIT. We are hoping to attract a dozen educators from local high schools and colleges to pilot the synthetic biology teaching curriculum housed at BioBuilder.org.

Your answers to the following questions will help us assemble motivated educators who are eager to bring engineering and biology to their classrooms. We are planning a workshop suitable for teachers with diverse interests and abilities. We would like to balance the strengths and needs of all participants, and so appreciate your honest responses the questions on this application. Your responses will not be shared without your permission.

## 2. BioGraphical Information

\* 1. Name

5

6

\* 2. Name and address of school where you teach

5

6

\* 3. How long have you been teaching?

5

6

\* 4. What subjects did you teach in the 2010-2011 academic year?

5

6

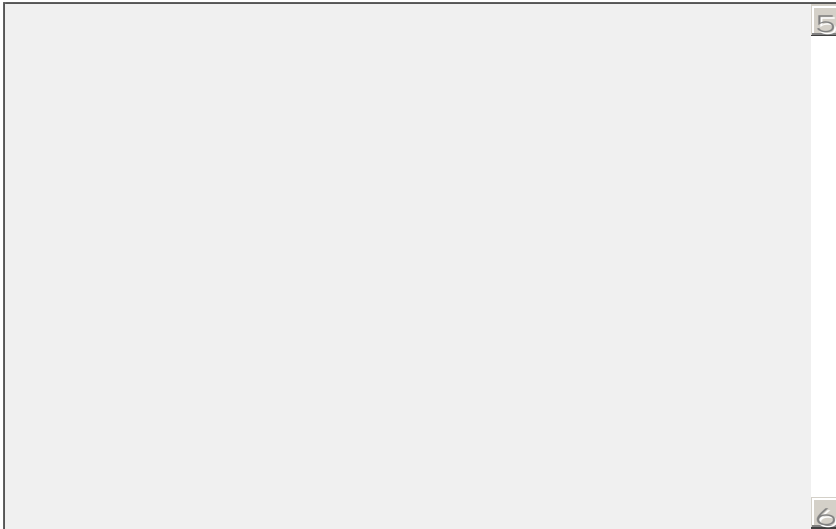
\* 5. How many students did you teach in the 2010-2011 academic year?

5

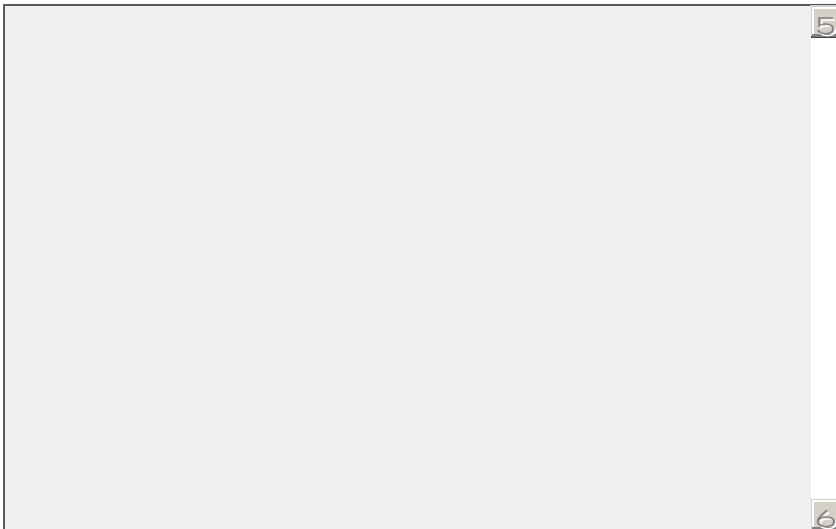
6

## 3. Teaching needs

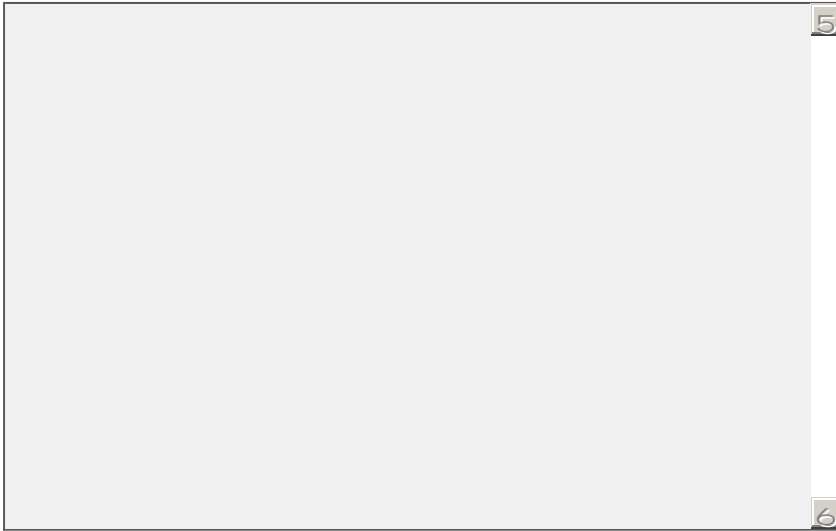
- \* 1. What professional development workshops have you attended in the past?



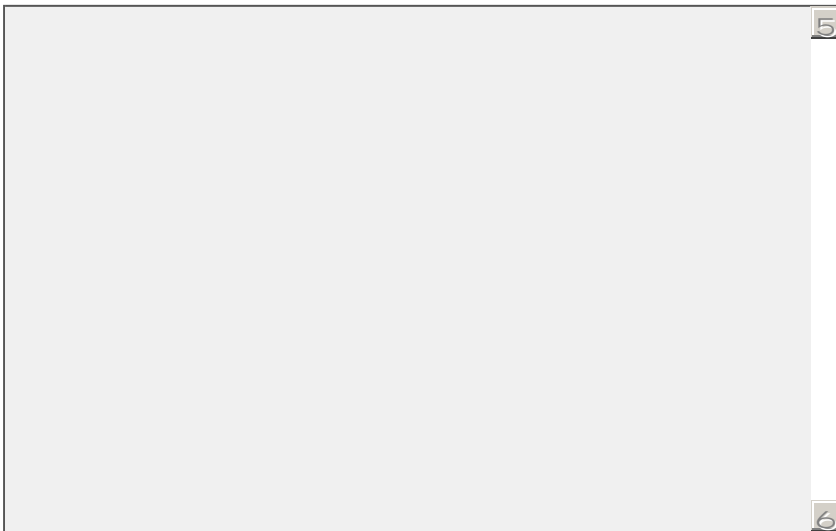
- \* 2. Give two examples that show how you've included the content from a previous professional development workshop into your classroom.



★ 3. What is your biggest teaching frustration?



★ 4. Describe any previous efforts you've made to add engineering content to your classroom.



## APPLICATION: BioBuilding2011 @ MIT

★ 5. How comfortable are you with the following? Please use a score of "1" for unfamiliar/not comfortable and "5" for very familiar/comfortable.

	1 (not familiar, not comfortable)	2	3	4	5 (very familiar, very comfortable)
Adopting new activities in your classroom	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Teaching with laboratory activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Working with a wiki	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Teaching the central dogma of molecular biology	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Teaching bioethics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Working from online content, rather than a textbook	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Microbiology techniques	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Comments?

5

6

## 4. Thank you!

We'll be in touch with plans for the summer workshop. Have a great spring term.

The BioBuilding Team