**Online Practice Quizzes**

Open up the first website and read through the various ways that bacteria can be modified to create diversity, then try the "Check Your Understanding" at the bottom of that page by sliding the definitions up or down to match them up. After completing Website #1, go to websites 2 and 3 and complete the quiz questions.

1. <https://www.khanacademy.org/science/ap-biology/gene-expression-and-regulation/mutations-ap/a/genetic-variation-in-prokaryotes>

2. <https://www.khanacademy.org/test-prep/mcat/cells/prokaryotes-bacteria/e/prokaryotes-questions>

3. [https://www.khanacademy.org/science/biology-essentials/x35f699f4a3703d4e:nomenclature-and-taxonomy/x35f699f4a3703d4e:archaea-and-bacteria/e/archaea](https://www.khanacademy.org/science/biology-essentials/x35f699f4a3703d4e%3Anomenclature-and-taxonomy/x35f699f4a3703d4e%3Aarchaea-and-bacteria/e/archaea)

4. [https://www.khanacademy.org/science/how-does-the-human-body-work-class-12/x7babbc170453fdb8:human-health-and-disease/x7babbc170453fdb8:types-of-immunity-and-the-immune-system/e/vaccination-and-immunisation](https://www.khanacademy.org/science/how-does-the-human-body-work-class-12/x7babbc170453fdb8%3Ahuman-health-and-disease/x7babbc170453fdb8%3Atypes-of-immunity-and-the-immune-system/e/vaccination-and-immunisation)