

Bacteria Transformation

TeachEngineering

Experience
















Construct paper recombinant plasmids to simulate the methods genetic engineers use to create modified bacteria.

Suggested Learning

Time 00 : 45 **Cost** 0.00

PreRequisites

Requirements

Skills	Focus	Level	Standard	Points
 Applied Science			NGSS	2
 Problem Solving				1
 Biology				1
 Teamwork				1
 Written Communication			CC	1
Total Skill Points				6

Knowledge Gain

Model and describe the process used by engineers to modify the genome of bacteria. Describe why bacteria are genetically modified more often than other organisms.

Resource Link

https://www.teachengineering.org/activities/view/uoh_genetic_lesson01_activity1