










DNA Forensics and Color Pigments

TeachEngineering

Project

Perform DNA forensics using food coloring to enhance their understanding of DNA fingerprinting, restriction enzymes, genotyping and DNA gel electrophoresis.

Suggested Learning					
Time	00 : 45	Cost	0.00		
PreRequisites					
Requirements					
Skills		Focus	Level	Standard	Points
 Biology					3
 Research					1
 Observation					1
Total Skill Points					5
Knowledge Gain					
Describe the basic steps involved in DNA fingerprinting. State the function of restriction enzymes and the role of restriction sites along the DNA.					
Resource Link					
https://www.teachengineering.org/activities/view/uoh_dna_lesson02_activity1					

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