

EDVOTEK® Workshop Schedule

Thursday, 3/31/2022

2022 NSTA National Conference in Houston

8:00 - 9:00 AM

George R. Brown Convention Center, 320B

Left at the Scene of the Crime: High School Forensics

Forensic science combines science disciplines to determine "whodunnit." In this workshop, learn how to merge hands-on biotechnology experiments with literacy exercises to create an immersive lesson.

9:30 - 10:30 AM

George R. Brown Convention Center, 320B

Tracing the Spread of Disease

Respiratory viruses like Influenza or COVID can lead to worldwide pandemics. We'll discuss how diseases spread and perform experiments to explore how disease testing works.

1:00 - 2:00 PM

George R. Brown Convention Center, 320B

Exploring the Genetics of Taste: SNP Analysis of the PTC Gene Using PCR

Explore the relationship between genotype and phenotype using your sense of taste and biotechnology! Examine variations in your bitter taste receptor with PCR and electrophoresis.

2:30 - 3:30 PM

George R. Brown Convention Center, 320B

Sweet Science: Exploring Complex Mixtures with Biotechnology

Explore the science of food coloring! In this hands-on workshop, we'll use electrophoresis and chromatography to separate mixtures of molecules based on their physical properties.

4:00 - 5:00 PM

George R. Brown Convention Center, 320B

Exploring STEAM with Transformation

Creating colorful transformed bacteria is an unforgettable way to teach the central dogma of molecular biology. Learn how to use transformed bacteria to create bio-art!

Visit us at Booth #2731

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