

# Designing Investigations and Experiments Morning Event

## Courtney Mayer

Courtney Mayer taught science courses for 23 years, including AP Environmental Science for 15 years at Churchill High School in San Antonio, Texas. She is a College Board Consultant for AP Environmental Science in the Southwestern Region. She has presented all over the United States and in China. Courtney is also a College Board consultant for Analytical Reading and Writing Strategies in Science, and is on the writing committee for the Pre-AP Biology Curriculum and a consultant for the College Board's National Faculty and Cross-Curricular Instruction. Courtney was a reader and table leader at the AP Environmental Science reading where she scored free-response questions for thousands of students. She was honored in 2011 with the College Board's AP Award for helping to promote and continue the mission set by the College Board.

She recently retired as the Director of Advanced Academics in Northside ISD where she worked with teachers in her district through professional learning and curriculum development in gifted strategies and advanced academics. Currently, she is the online teacher for the University of Texas High School for APES. Courtney has published 11 books, all around science topics, particularly AP Environmental Science.

Courtney graduated with a degree in Wildlife and Fishery Science from Texas A&M University in 1992 and she received her Master of Education in Administration from Lamar University.



## Course Description

In this workshop, teachers will gain a better understanding of how to design investigation and experiments and how related reasoning processes are embedded in their own and other AP courses. In this interactive workshop, participants will:

- § Illustrate how to design investigation and experiments and the reasoning process.
- § Relate common student misunderstandings and how to correct them.
- § Model instructional strategies to teach how to design investigation and experiments. Participants will have time to collaborate with colleagues from other AP courses to explore how these skills and understandings can be reinforced across AP courses



## Date and Time

February 7, 2024

8:30-11:30



## Where

This event is virtual. Links will be provided before event.

## Register here

[Register at this link](#)

