

# SATTAA2024

New Science TEKS

July 15 -19, 2024



The TEKS are changing in 2024 and we are cognizant of a need to integrate science, technology, mathematics and engineering somewhat differently as teachers prepare for the new format. Our sequence provides four clusters of exploration as we aim to support the integration of scientific and engineering practices. A full week of participation will earn a \$1,000 stipend through the generous support of B.E.A.T.

#### **Underlying Science**

The Electromagnetic Spectrum  
Optics  
The Solar System  
Black Holes  
Stars and star clusters  
Terrestrial Climate Change  
Vera C. Rubin Observatory  
Online Investigations

#### **Space Exploration**

Europa Clipper  
Rockets  
Exoplanets

#### **Telescopes**

Dark Skies Exploration  
Telescope Design  
Ground-based Telescopes  
Space Telescopes

#### **Cultural Connections**

Ancient Astronomy in Mexico  
People of the Pecos  
(cosmology, the layered universe, and the night sky)

# UTSA

