

Here is a summary of the text in 100-500 words:

Theoretical physicists explore the abstract and mathematical aspects of space, delving into its nature, gravitational forces, and cosmological models to understand the universe's structure and expansion. They also study phenomena like nuclear fusion, which powers stars. While scientists differ on where "space" begins, their varying perspectives contribute to a holistic understanding of the universe by combining physical, mathematical, and conceptual aspects.

By integrating insights from multiple disciplines, scientists gain a deeper comprehension of the vast and intricate universe we inhabit. The distinction between "sky" and "space" emerged in the early 20th century with the invention of airplanes by the Wright brothers. Aerodynamics became a crucial field, involving interactions between air atoms and molecules to generate lift and counteract gravity.

In essence, the text highlights the importance of theoretical physics in understanding high-energy processes in the universe, such as nuclear fusion, while also emphasizing the value of interdisciplinary approaches in gaining a deeper comprehension of the universe's workings.