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## Introduction

Neural science, also known as neuroscience, is a multidisciplinary eld that explores the intricate workings of the brain and the nervous system. It encompasses various scienti c disciplines, including biology, psychology, computer science, and genetics, with the aim of

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Neuroplasticity: T brain's remarkable adaptability one of the most intriguing aspects of neural science is the concept of neuroplasticity, which refers to the brain's ability to adapt and reorganize its structure and function in response to experiences, learning, and environmental influences. Research has shown that the brain is highly malleable, with neural connections being strengthened or weakened based on patterns of activity. This remarkable adaptability underlies learning,

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grammar guides attention and aids perception in real-world environments. Curr Opin Psychol. 29: 205–300.

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