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DETAILED CONTENTS

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of Life 2 Life is organized on many structural levels 3 Each level of biological organization has emergent properties 4 Cells are an organism's basic units of structure and function 8 The continuity of life is based on heritable information in the form of DNA 8 A feeling for organisms enriches the study of life 8 Structure and function are correlated at all levels of biological organization 9 Organisms are open systems that interact continuously with their environments 10 Diversity and unity are the dual faces of life on Earth 11 Evolution is the core theme of biology 13 Science as a process of inquiry often involves hypothetico-deductive thinking 15 Science and technology are functions of society 20 Biology is a multidisciplinary adventure 21

Introduction: Themes in the Study



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