

PHYSICAL SCIENCE

$$E=mc^2$$

mass

Distance

$$F=Wd$$

speed of light

Work

Force

Energy

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Physical Science

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PHYSICAL SCIENCE IS AN INFORMATIVE BOOK THAT IS DIVIDED INTO NINE LEARNING UNITS WHICH INCLUDES KEY CONCEPTS ON THEORIES ON THE FORMATION OF THE UNIVERSE, ATOMS, PROPERTIES OF MATTER AND ITS CHEMICAL STRUCTURE, CHANGES IN MATTER, CHEMISTRY OF HOUSEHOLD AND PERSONAL CARE PRODUCTS, AND LAWS OF PHYSICS ENCOMPASSING THE BASIC TENETS OF MECHANICS AND ELECTRICITY AND MAGNETISM THAT WOULD LEAD TO UNDERSTANDING PHYSICAL PROCESSES THAT TAKES PLACE IN THE COSMOS. VARIETY OF ACTIVITIES WAS PROVIDED TO ENHANCE STUDENTS' CONCEPTUAL UNDERSTANDING OF THE CONCEPTS AFOREMENTIONED. FURTHERMORE, AUTHENTIC ASSESSMENTS WERE ALSO INCORPORATED IN THE EVALUATION OF LEARNING OUTCOMES FOR THE LEARNER'S TO BE GIVEN THE OPPORTUNITY TO EXPLORE ON THEIR OWN AND BE HELD RESPONSIBLE FOR THEIR OWN LEARNING.

This book will serve as your guide in learning the basic concepts of physical sciences – astronomy, chemistry and physics. Varied activities in the form of authentic tasks were included to reinforce the concepts discussed in every learning unit of this instructional material