



مدرسة القديسة مريم الكاثوليكية الثانوية - دبي
ST. MARY'S CATHOLIC HIGH SCHOOL, DUBAI

Year 5 Subject: Science

PORTION FOR THE FIRST TERM EXAM –JANUARY, 2022

Unit 1: Life cycles-Plants, Animals and Humans

- Identify different stages in the life cycle of living things.
- Describe the life cycles of fish, reptiles, birds, amphibians and mammals
- Describe Complete and Incomplete Metamorphosis
- Life cycle of flowering and non-flowering plants including the stages-germination, pollination, fertilization and methods of seed dispersal.
- Parts and functions of a flower including male and female reproductive structures.
- Reproduction in plants through vegetative parts-bulb, runner, tuber, stem cutting.
- Life cycle of Humans and the various stages of development
- Relationship between gestation period and life span of a mammal.

Unit 2: Materials

- Classify materials according to their properties such as texture, absorbency, magnetic behavior, transparency, malleability, tensile strength and durability.
- Electrical conductors and insulators
- Thermal conductors and insulators
- Winter clothing
- Use of everyday materials including metals, wood and plastic.
- Nature's strong materials and its possible applications

Unit 3: Separating Mixtures

- Properties of solids, liquids and gases.
 - Separation of mixtures through filtering and sieving.
 - Evaporation and factors affecting evaporation.
 - Dissolving solids & factors affecting the rate of dissolving.
 - Solubility of solids in water and other liquids; objects that float and sink in water.
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- **Questions based on Scientific Enquiry will also be asked from the topics mentioned above.**
 - **Revise from the Notes, Active Learn allocations, Topic Books and Workbooks and PPTs and other resources posted on GC.**
 - **Revision worksheets will be uploaded on Google Classroom.**