



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

**Year 5    Subject: Science**

**PORTION FOR THE 1<sup>ST</sup> TERM EXAM –JANUARY, 2023**

**Unit 1 : Life cycles of Plants & Animals including Humans**

- Life cycle of a mammal, an amphibian , a reptile, a fish ,an insect and a bird including identifying/describing the stages and comparing the lifecycles.
- Describe Complete and Incomplete Metamorphosis.
- Lifecycle of flowering and non flowering plants including description of the stages.
- Functions of the parts of a flower.
- Reproduction in plants through vegetative parts-bulbs, runners, tubers and stem cuttings.
- Lifecycle of humans and the various stages of development.

**Unit 2: Materials**

- Compare /Group materials on the basis of their properties including hardness, solubility, transparency, absorbency, conductivity (electrical and thermal), and magnetism.
- Electrical Conductors and Insulators.
- Thermal Conductors and Insulators
- Use of everyday materials including metals, wood and plastic.
- Nature's strong materials and its possible applications in real life.

**Unit 3: Separating Mixtures**

- Properties of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving, evaporating and using a magnet.
- Solubility of solids in water as well is in other liquids.
- Factors affecting the rate of dissolving, recovery of dissolved solids from a solution.
- Factors affecting the rate of evaporation.

- Questions based on Scientific Enquiry and Reasoning will also be asked from the Topics mentioned above.
- Revise from the Notebook, Active Learn Allocations, Topic Books and Workbooks, PPTs and other resources posted on GC.
- Revision worksheets will be uploaded on Google Classroom and discussed in class after the Winter break.