



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

YEAR 3 SCIENCE –FINAL EXAMINATION PORTION (2022- 2023)

UNIT 1 – PARTS OF PLANTS (Refer Science Bug Topic book & Work book/PPT)

- Parts of flowering plants & their functions.
- Structure and function of the root.
- Parts of a flower and their functions.
- Types of seed dispersal (Observe the structure of fruits and relate to how the seeds are dispersed)
- Different stages in the lifecycle of a flowering plant

UNIT 2 – MOVEMENT & FEEDING (Refer Science Bug Topic book & Work book/PPT)

- Animal diets (Herbivore/Carnivore/Omnivore)
- Balanced diet , Food Groups and their function.
- Parts of the human skeleton.
- Explain the terms - Muscles/Tendons
- Describe how joints in skeleton enable movements.

UNIT 3- MAGNETS AND FORCES (Refer Science Bug Topic book and workbook)

- Push and pull force.
- Relation between forces applied on an object and distance it travelled.
- Relation between the type of surfaces and distance the object travelled.
- Magnetic and non magnetic materials.
- Describe how magnetic force passes through different material.
- Strength of different types of magnets.

UNIT 4-ROCKS AND SOILS (Refer Science Bug Topic book & Work book/PPT)

- Types of Rocks and their properties.
- Process of fossil formation.

- Compare the hardness of different rocks- Mohs' scale of hardness.
- Types of soils and their properties.
- Explain which soil type drains well.

UNIT 5- WHAT PLANTS NEED (Refer Science Bug Topic book page no 1-9, 12, 13, 14, 16 & Work book page no: 1- 9, 12, 13, 14 /PPT)

- Requirements of plants.
- Identify the places best for plant growth.
- Describe the terms – dehydrated, wilted, root bound.
- Describe how the amount of water, space and type of soil affects plant growth.
- Using Fertilizers.

Scientific inquiry based questions related to the above topics will be included.

Refer Science Bug International Topic book & Workbook, Active Learn allocations, PowerPoint presentations & video links that are posted on Google Classroom.

Learn the scientific vocabulary from the Glossary page for each unit.