



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

YEAR 3 SCIENCE –FINAL EXAM PORTION (May,2022)

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

- Parts of flowering plants & their function.
- Structure and function of the root.
- Describe how water is transported in plants.
- Parts of a flower and their function.
- Pollination (more focus on insect pollination)
- 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
- (Germination/ fertilization /seed formation/seed dispersal/adult plant).

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

- Describe what humans & other animals need to stay healthy.
- Sort foods into five different groups depending on their effects on the body.
- Animal diets (Herbivore/Carnivore/Omnivore)
- Explain the term - Balanced diet / Balanced plate/Plan a balanced meal with the right type of food from all food groups.
- Label the main parts of the human skeleton.
- Explain the terms - Muscles/Tendons/Ligaments
- Describe how joints in skeleton enable movements.
- Relationship between height of a child and arm stretch.

UNIT 3- ROCKS AND SOILS (Refer Science Bug Topic book & Work book/PPT)

- Identify the different rocks and their properties.
- Describe and identify different types of rocks by their observable properties. (Sedimentary, Metamorphic and Igneous rocks)
- Describe the 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 4- WHAT PLANTS (Refer Science Bug Topic book page no 1-9, 12, 13, 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, variables, fair test.
- Describe how the amount of water, space and type of soil affects plant growth.

UNIT 5- LIGHT AND SHADOW (Refer Science Bug Topic book page no 1-13 and page no 16 & Work book page no 1- 12 /PPT)

- Recognise that light is needed in order to see things and that dark is the absence of light.
- Identify sources of light and reflectors
- Describe the terms opaque, transparent and translucent.
- Explain how shadows are formed.
- Explain how shadows are similar to the real objects but can differ in size.
- Find patterns in the way that the size of shadows changes.

UNIT 6- MAGNETS AND FORCES (Refer Science Bug Topic book page no 1-13, 16 & Work book page no 1-13/PPT)

- Describe the term forces as push and pull that can make something move.
- Relation between forces applied on an object and distance it travelled.
- Relation between the type of surfaces and distance the object travelled.
- Identify the term magnets and non magnetic, north and south poles.
- Describe how magnetic force passes through different material.
- Identify the strength of different types of magnets.

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

Maximum marks – 50; Duration – 1hour 30 minutes

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.

Revision worksheet will be posted on Google classroom for all topics.