



ST. MARY'S CATHOLIC HIGH SCHOOL, DUBAI

Lesson Plan

Subject :	Science
Class/ Section:	Year 5
Week :	Week 4 : 19th September to 23rd September
Work sent to students via:	Google classroom
Total number of lessons per week:	4
Unit/Topic:	Life Cycles
Live Zoom lesson along with face to face instruction for students present on a particular day Work will be assigned in Google classroom which will be matched to the students' ability.	<u>Lesson 1:</u> <u>Specific Learning objectives:</u> Describe the changes as humans develop to old age. <u>Specific Intended Learning Outcomes:</u> Identify the stages in the development of humans. State the relative lengths of each stage. State a few physical changes at puberty that are visible and a few that are invisible. Identify the physical and intellectual changes as a human goes through the various stages from a baby to old age. <u>Tasks:</u> 1. Read Topic book – page 16,17 2. Complete work book – page 16,17

	<p><u>Assessment Criteria/ Essential questions:</u> Support-Recall the names of the stages in the lifecycle of a human and order them correctly(Active Learn) Stretch- Research the lengths of each stage of the human lifecycle(Page 17 WB) Extend- Describe some of the intellectual changes that might give clues to a person’s age.</p> <p><u>Scientific Vocabulary:</u> Fetus , adolescence , puberty.</p> <p><u>Resources:</u> PowerPoint with video links will be posted on GC after the lesson. Topic Book Workbook Active Learn</p>
	<p><u>Lesson 2: Lifecycle of plants</u></p> <p><u>Specific Learning objectives:</u> Describe the life cycle of plants.</p> <p><u>Specific Intended Learning Outcomes:</u></p> <ul style="list-style-type: none"> • Know that plants are split into 2 groups – flowering plants and non-flowering plants. • Know that a flowering plant has four main stages, seed, seedling, young plant with flowers and adult plant with fruits. • Draw and describe the life cycle of a flowering plant. <p><u>Tasks:</u> 1. Read Topic book – page 3, 4, 20 2. Complete work book –page 3, 20</p> <p><u>Assessment Criteria/ Essential questions:</u> Support- Identify some flowering and non-flowering plants. Stretch- How many stages are there in a plant lifecycle? Extend- Research about some non-flowering plants that produce seeds.</p> <p><u>Scientific Vocabulary:</u> Seedling , mature plant , flowering, fruiting</p> <p><u>Resources:</u> PowerPoint with video links will be posted on GC after the lesson. Topic Book Workbook Active Learn</p>

Lesson 3:

Specific Learning objectives:

Describe the stages of reproduction in flowering plants.

Specific Intended Learning Outcomes:

Name the male and female reproductive structures of a flower.

State the functions of male and female reproductive structures.

Know that pollination is the transfer of pollen from the anther to the stigma on the same or a different flower.

Understand the terms pollination and fertilization.

Draw and label the parts of the male and female reproductive structures.

Tasks:

Notebook: Copy the notes and drawings from the slides.

Assessment Criteria/ Essential questions:

Support- Recall the names of the male and female reproductive parts of a flower.

Stretch- State the difference between pollination and fertilization.

Extend- Explain the importance of pollinators for us humans.

Scientific Vocabulary:

Carpel , stamen , pollination , fertilization,transfer,pollinator

Resources:

PowerPoint with video links will be posted on GC after the lesson.

Lesson 4:

- Compare the basic stages in the lifecycle of plants and animals.
Read page 21 of the Topic Book and Complete page 21 of the Workbook.
- Complete page 4 of your workbook.

(Scanned copy of the pages will be posted on the PPT for the benefit of those who have not received their books.)