Topic: So plants move too!

Objective:
Enhance students' ability to incorporate the skills they learn in school with real-life situations. This includes research and reasoning skills, team-working skills, proper communication as well as developing their own personal characteristics.

Assessed Subjects

Subject	Subject-specific objective
Science	Investigating types of movement in plants through research supported with evidence.
ICT	Preparing a report using MS_Word.

Project description

Students are expected to conduct research to investigate whether plants can move, explain types of movements, and provide evidence for their claims. Students will demonstrate their findings using their ICT skills in creating a Word document to record their data.

Teams
Students will;

- work in groups of 3 or 4 assigned by the teacher.
- prepare a word document to present their work.
- be allowed 5 min to present their work in class.
- Students will work in the period between May1st to May 20th.

During this time, students will be given 2 science classes and 1 ICT class to do their work. All other work will be done at home.

Outcome

Subject	Deliverable / Outcome
Science	A Word document presentation that includes the following: 1. Introduction explaining how plants are considered living things. 2. Explain and demonstrate at least two types of movement in plants and explain why they are important. 3. Provide examples as evidence of plant movement. 4. Resources (Not less than **three** referencing sources)
ICT	Well prepared word document that includes: 1. Title/Subtitles 2. Paragraphs 3. Images 4. Table of references

Audience

Class peers

Submission deadline

May, 22ⁿᵈ , 2023

Submission Format / Details

Each student is to fill out the attached submission document and only the team leader uploads the Word document on LMS for every subject.

Resources

Students can refer to the Learning Centre at school, or refer to safe and acknowledged search engines, introduced and discussed in class.
Students have to refer to 3 different resources at least.
Students have to mention the resources they referred to.

Assessment Criteria

Students' work will be assessed based on the following rubrics.

Science

Skill / Proficiency	Level 3 Needs Improvement (1 pt)	Level 2 Acceptable (1.5 pt)	Level 1 Excellent (2 pt)	Student Level / Grade
Content	The content is minimal; there are no clear examples in the content.	There is little detail in the content; it does not go deeply into the topic. Incomplete and/or unfocused.	The content is detailed; it covers the topic in-depth with details.	
Preparedness	The student is not prepared when presenting Read all the time and couldn't answer questions.	The student is partially prepared when presenting Read most of the time and needed help to answer questions.	The student is well prepared when presenting Read a little and managed to answer questions.	
Visual aids and images	Visual aids are not used	Visual aids are messy or do not support the presentation	Visual aids are readable and attractive.	
Teamwork	The team did not collaborate or communicate well. Some members would work independently, without regard to objectives.	The team worked well together most of the time, with only a few occurrences of communication breakdown or failure to collaborate.	The team worked well together to achieve objectives. Each member contributed in a valuable way to the project.	
Total				**/8**

ICT - Rubric

Skill / Proficiency		Level 1 Needs improvement 1	Level 2 Acceptable 2	Level 3 Excellent 3	Student Level / Grade
Layout constancy	Main Title(s)	Main titles are typed in different sizes and do not appears to be suitable for the paragraphs.	Most of the main titles are typed in the same large, clear and readable font.	All the main titles are typed in a the same large, clear and readable font.	
	Subtitle(s)	Few subtitles are typed in the same suitable (smaller than the titles), clear and readable font.	Most of the subtitles are typed in the same suitable (smaller than the titles), clear and readable font.	All subtitles are typed in the same suitable (smaller than the titles), clear and readable font.	
	Paragraphs Font size between 12-14, Justify align, and readable font type.	Few paragraphs are typed in a the same suitable, clear and readable font. Alignment: Justify	Most paragraphs are typed in the same suitable, clear and readable font. Alignment: Justify.	All paragraphs are typed in the same suitable, clear and readable font. Alignment: Justify.	
Images		Few images are set in a suitable position and the image size is suitable.	Most images are set in a suitable position and the image size is suitable	All images are set in a suitable position and the image size is perfect	
Accuracy Spelling mistakes		The report includes many spelling mistakes	The report includes a few spelling mistakes	The report has no spelling mistakes	
Timeliness		Task is uploaded 3 days or more, later than the due date	Task is uploaded 1-2 days after the due date	Task is uploaded on Time	
				Total المجموع	/18