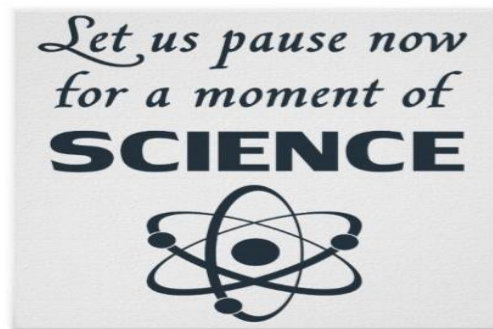


Science Department



Science Newsletter

Term - 1
2023/2024



Welcome to the Science Department



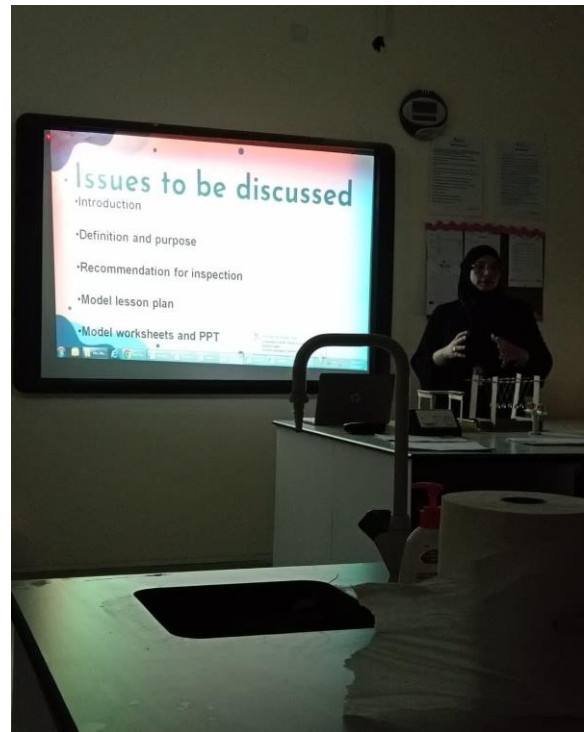
Science Department

First of all, I would like to extend my warmest welcome to all of you. It gives me a great pleasure to share with all of you some important information about our department. One of the main goals of our department is to provide students with opportunities to show their enthusiasm for science by building their confidence to become future scientists. Additionally, teachers in our department use the most modern, innovative, and creative teaching strategies. One of the common practices among our teachers is using the scientific method. Specifically, students go through the experience of collect data about certain topic, analyze the data, and prepare an engaging presentation of their findings. Furthermore, our department has four labs completely equipped with tools and materials for students to be involved in different experiments and projects.

Our department completely believes in the mission of our school which is “to provide students with engaging learning experiences that develop intellectual skills and creativity...”

Ms. Manal (HOD)

PD SESSIONS





GO GREEN (HEALTHY FOOD) ACTIVITY

Under the banner of “Go Green (# Healthy food) Initiative at UPS” an extracurricular activity was conducted on 2nd of November, 2023.

The preparation for the event was done by the Senior students of grade-12 D, E and science department teachers.

Brochures were prepared and distributed among almost all the girl students and teaching and non- teaching faculty members. The participant students and science department teachers actively participated for making the information reach to each and every member of UPS.



The first session of the event:

The “Go Green (#Healthy food) Initiative at UPS” extracurricular activity started at 9.00 am on Thursday, 2nd of November, 2023 in the girls playground. The event started with song and dance for the event by students in grade 1 and 2.



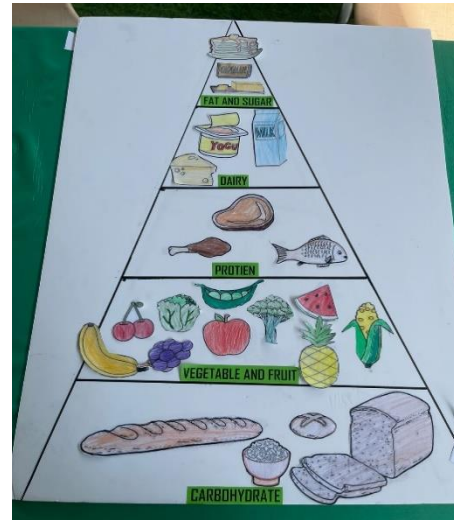
The Second session of the event:

It was presented in the playground where the participants started the second session with Students of grades two, three, four, five, and six had different activities at side tables around the playground. Students from grade 12 D & E was acting as volunteers. They were walking through the students to guide and help them.

Grade 1 and 2 were demonstrating their talents through coloring activities.



Students from grade 4D were making a poster of a food pyramid. They were sorting the food into different categories.



Students from grade 5D were investigating the seeds of different fruits and vegetables using magnifying glasses. They recorded their observations on a sheet.



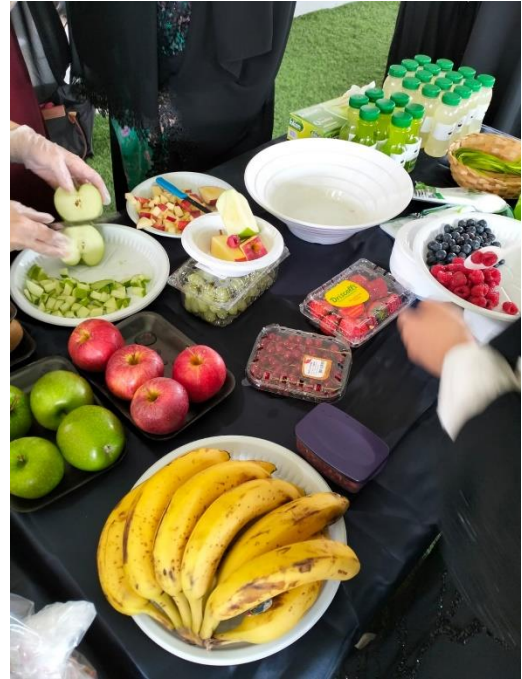


Students from grade 6D were designing a healthy plate of 500 calories by using different pictures of fruits, vegetables, dairy products, protein, and carbohydrates.



The Third session of the event:

Students from grade 12 D and E divided into four groups (Group 1, 2, 3 and 4) They were competing with each other to make the best salad dish.



At the end of the event Each group presented their work to Principal Dr. Salam, Vice-Principal Mrs. Kinanah, and Head of Science Department Mrs. Manal.

The principal Dr. Salam announced the winner. It was Group 2.



TRIP TO UAE UNIVERSITY (AL AIN)

On [27-9-2023], a group of Grade 12 girls from [United school] had the opportunity to visit the Physics and Chemistry Labs at UAE University. This visit aimed to provide the students with hands-on experience, practical demonstrations, and insights into the world of scientific research and experimentation. The visit was organized in collaboration with the university's faculty members and was intended to inspire and motivate the students to pursue careers in the fields of physics and chemistry.







TRIP TO AL NAJAH EDUCATION EXPO ABU DHABI

Trip to Al Najah Education Expo Abu Dhabi:

The students left the school at 9:00 am on Monday, 30th of November, 2022. The students arrived at ADNIC around 11 am.

The students visited stalls of different universities and colleges. They collected brochures, prospectus and a lot of information about different career options and eligibility criteria for different programs in various universities.

The below attached are some images taken during the event.







FISH DISSECTION



This is an amazing activity under the supervision of Mr. Abid ur rehman. Grade 12 students learn the external and internal parts of the fish.





PARENTS' TEACHER MEETING



As we know, Good communication is the bridge between confusion and clarity.

In this way, our science department teachers are always ready to clarify the doubts of the students.

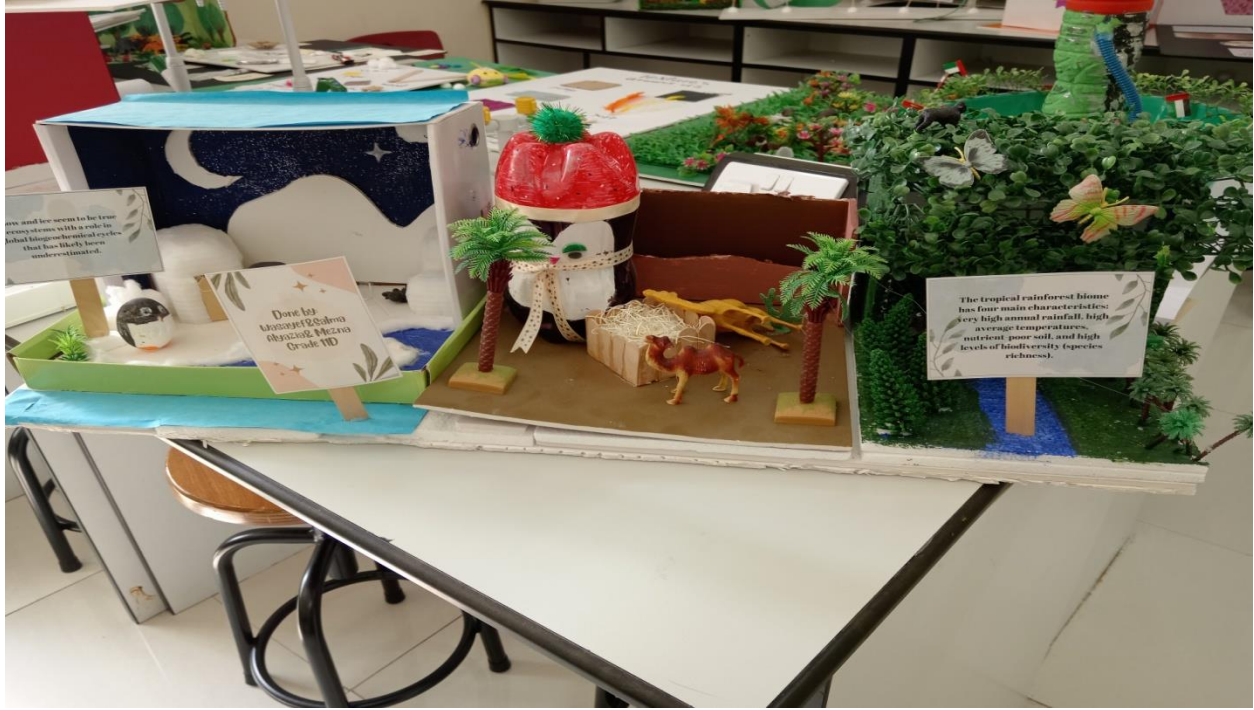
At that point, they are always ready to communicate with parents to clear their confusion and encouraging the students with commitment, and honesty.



PREPARATIONS OF THE SCIENCE DEPARTMENT IN THE NATIONAL DAY CELEBRATIONS

Science department shared their students' innovative projects in the UAE 51st year Flag Day celebrations.





MORNING ASSEMBLY

Science department morning assembly activities. Students participate in morning assembly activities.





MAP EXAMS



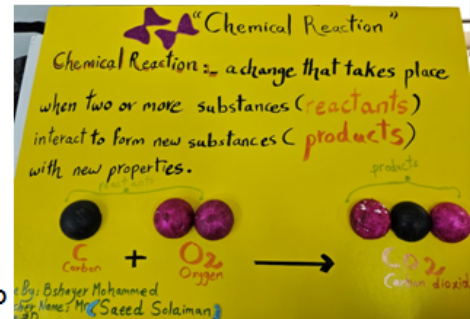
STUDENT PROJECT WORK REPORTS

Chemical reaction

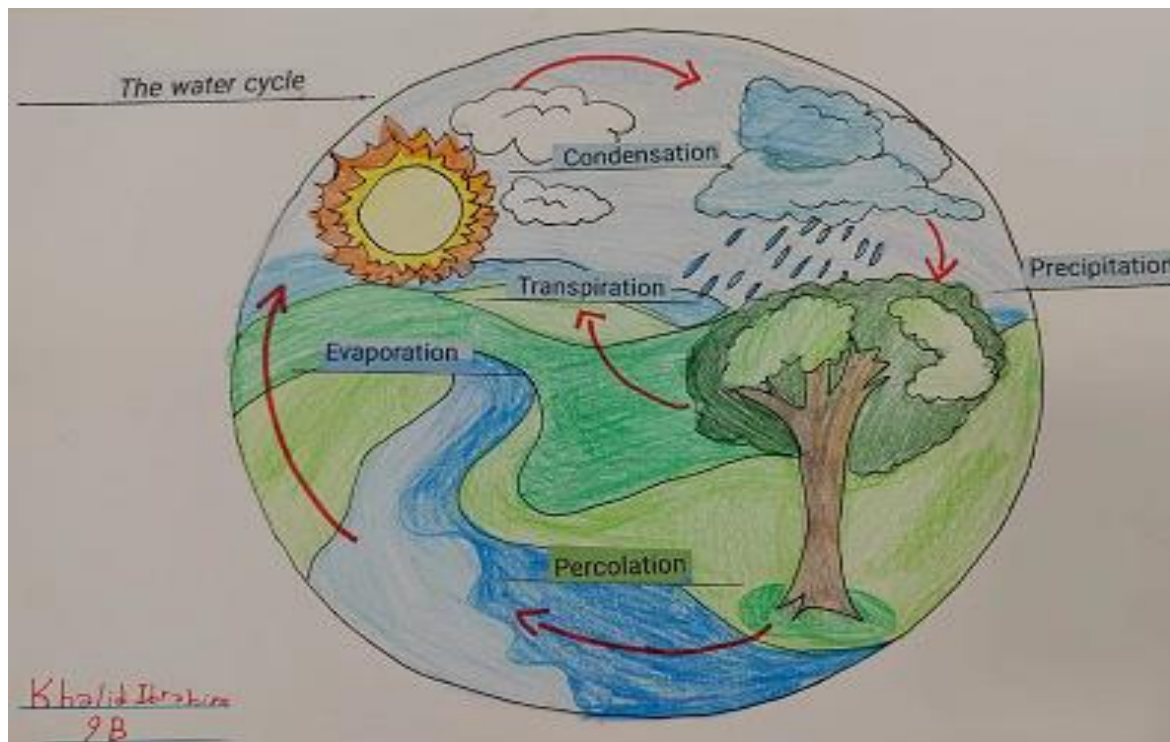
Student's name : Bashayer Mohammed

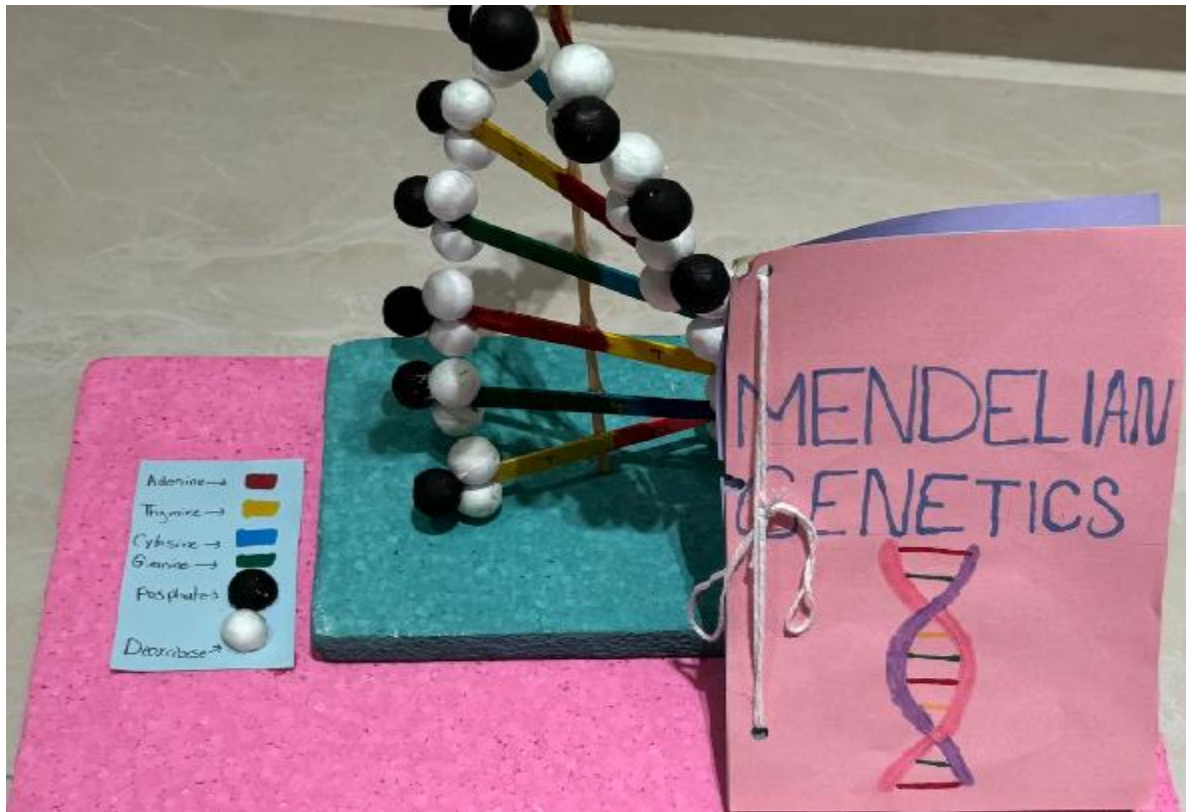
Class: 7D

The Student recycle the materials to create a model for chemical reaction.



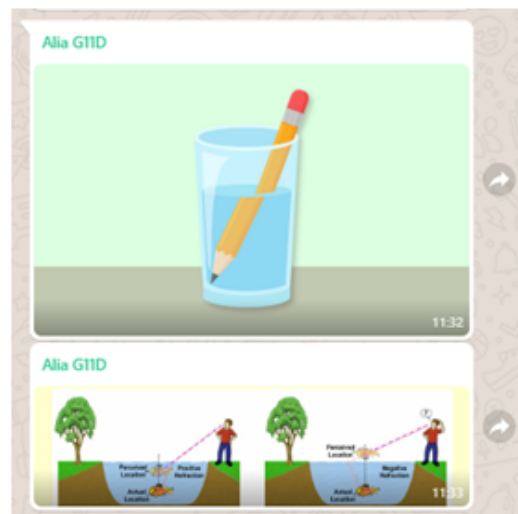
- :+: Wonderful work ,you are so creative and clear way to show what you did , I'm sure that you are satisfying with that .
- T: Next target to add more details like how many atoms in the reactant and product..





Title: refraction

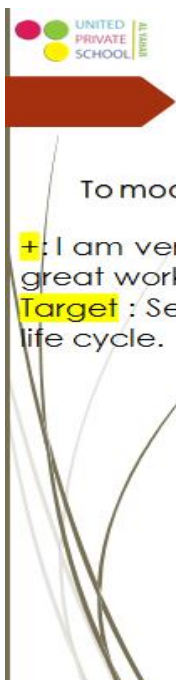
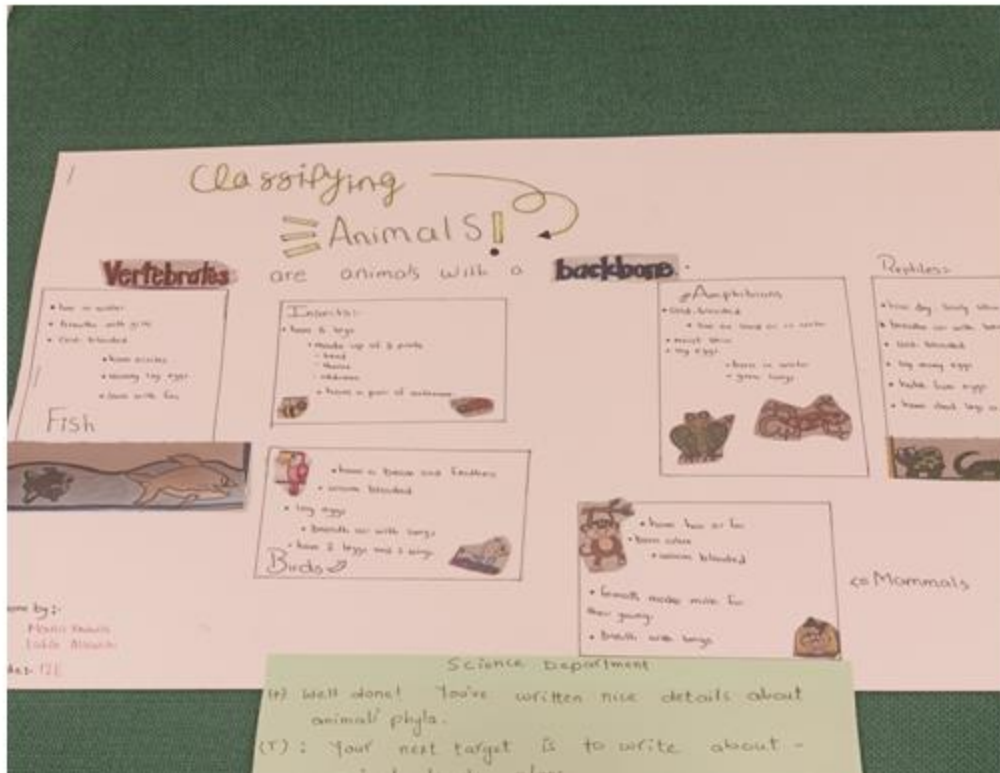
- Student's Alia
- Grade: 11D
- Objective (above-level): Identify refraction of light
- (+) : organized work, clear examples, relate the example to daily life
- (Target) : giving explanation will improve the work



Student's Name: Mouza and Latifa Al kaabi

Grade: 12 E

Objective: **High-** To identify and list the characteristics of five main groups of vertebrates



Objective:
To model the carrot life cycle.

+ I am very pleased with your work, great work, keep it up! Very nice project
Target: Search and model other plant life cycle.



UNIT
PRIVA
SCHO

Objective:
To identify different materials around us..

+ Amazing posters and materials used!
Great job.

Target : Next target is to search the properties of all the materials that you used!

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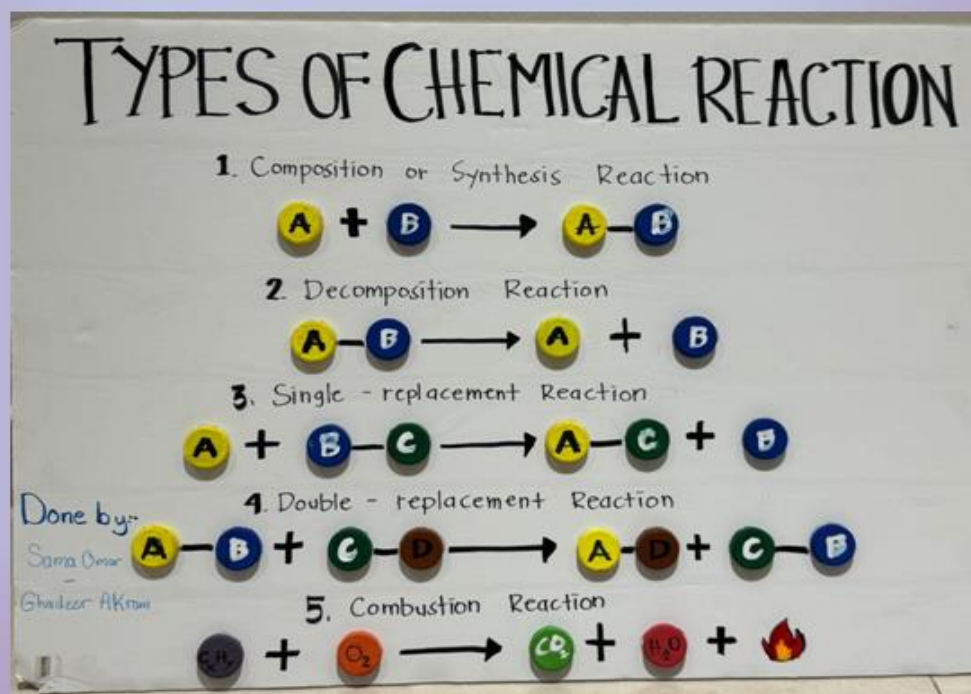
Student Amer grade 5 water cycle



Student's name : Sama Omar and Ghadeer Akram

Grade : 10 D

Objective : - On Level _ explain the types of chemical reactions



COMMUNICATING WITH PARENTS AND STUDENTS

As we know, Good communication is the bridge between confusion and clarity.

In this way, our science department teachers are always ready to clarify the doubts of the students. At that point, they are always ready to communicate with parents to clear their confusion and encouraging the students through e-learning classes with commitment, and honesty.

Grade 4A & 7D

- **Student name :** Shamma mohammed & Fahad Mohammed

The mother always care about her daughter and her son.

She was asking me about IXL account.

She was asking me about the project.



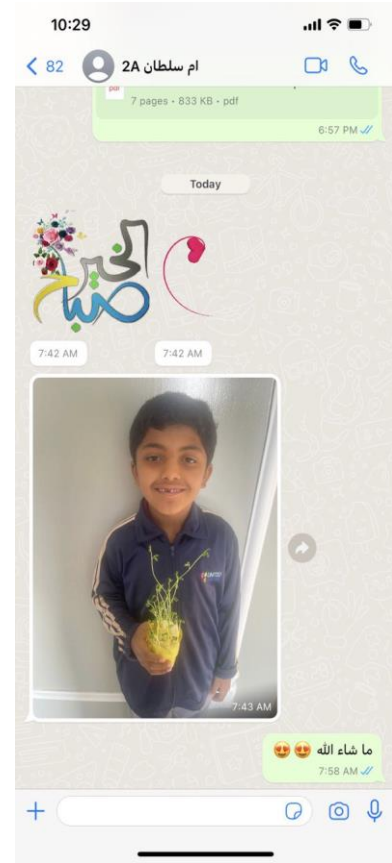
Grade 7D & 9A

- **Student name:** Bashayer
7D& Mansour and Hazza 9A
- The mother was asking about the required material needed to study for Midterm exam.



- **Student's name :**
- **Abdallah Mohammed**
- **Grade: 11A**
- **Reason for communication:** explaining the idea of the project.





Announcement in science groups for science project and support the parents with some examples.



LAB ACTIVITIES



Under the supervision of Ms. Nadia Grade 1 students learn the parts of the fish.

The observed the scales, fins and the gills of the fish.

