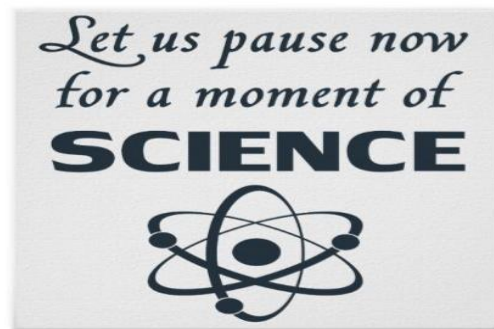
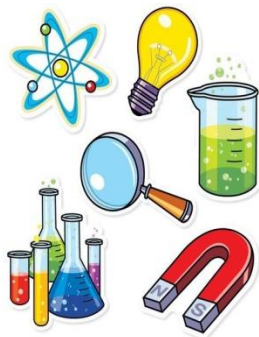


Science Department



Science Newsletter

Term - 2
2023/2024



Welcome to the Science Department



Science Department

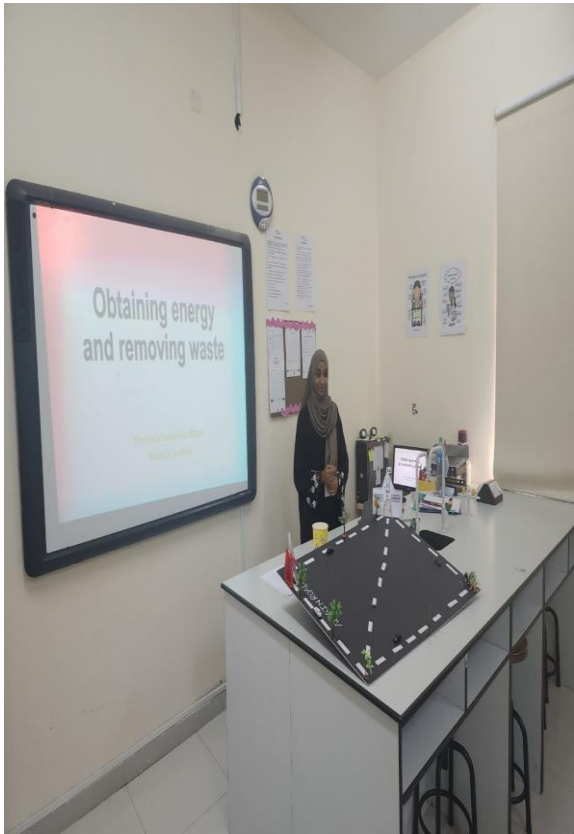
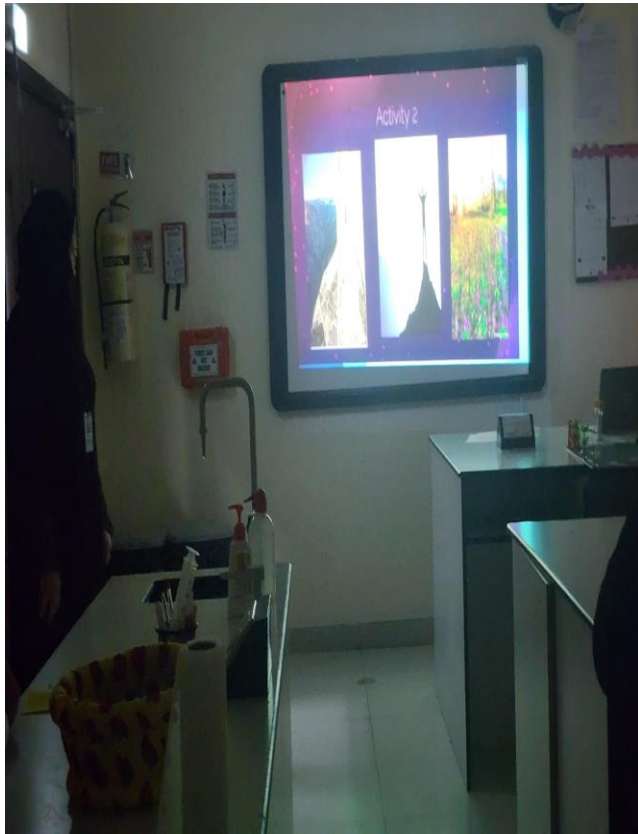
First of all, I would like to extend my warmest welcome to all of you. It gives me a great pleasure to share with all of you some important information about our department. One of the main goals of our department is to provide students with opportunities to show their enthusiasm for science by building 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





BHAKOOR DAY

Bhakoor day is an activity for grade 5-6 girls that arranged by MS. Eiman & Ms. Nadia. It was an amazing activity, and students explored to learn to prepare bhakoor. The event was an educational event, and the children had a fantastic time.









SCRAP TO SOAP

Scrap to soap is an activity for grade 10-12 girls that arranged by Mr. Saied & Mr. Mahmud Ahmed. It was an amazing activity, and students explored to learn the preparation of soap and also they came to know the ingredients used to prepare soap. The event was an educational event, and the children had a fantastic time.

Science Department

Invite you to attend

**Scrap to soap
(recycling oil)**

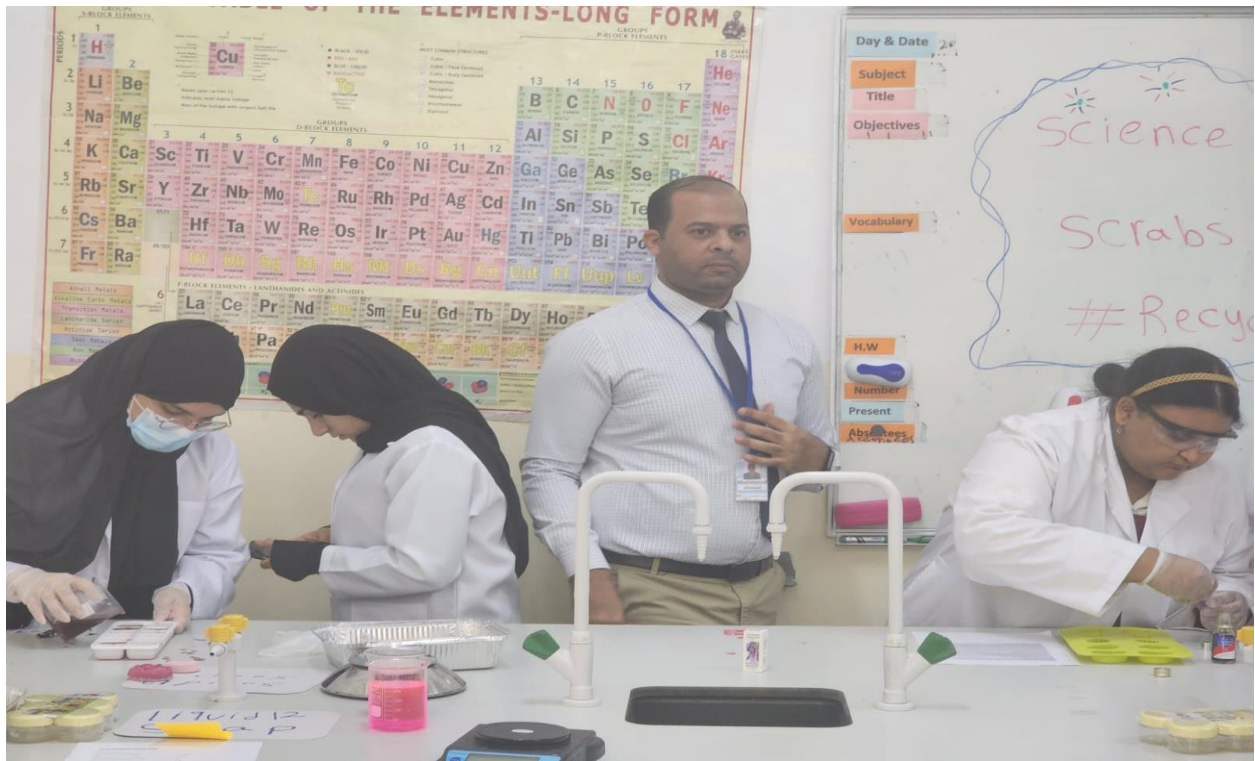
Date: 23/2/2024

Day: Friday

Time: 10:30am-11:30am

UNITED PRIVATE SCHOOL





PLANTING AROUND THE UPS

Planting around the UPS is an activity for grade 1-12 students that arranged by Mrs. Manal & Mrs. Alia as part of the sustainability. It was an amazing activity, and students explored to learn how plants help living things in many ways. The event was an educational event, and the children had a fantastic time by planting.









SCIENCE IN CULTURE BUKHOOR DAY

In support of the UAE National identity, prevention of Emirate heritage Mr. Nader Marqab collaborate with science department to host a workshop to make local perfume and bukhoor.

This is to promote Emirati identity and stimulate local industries with high qualities.





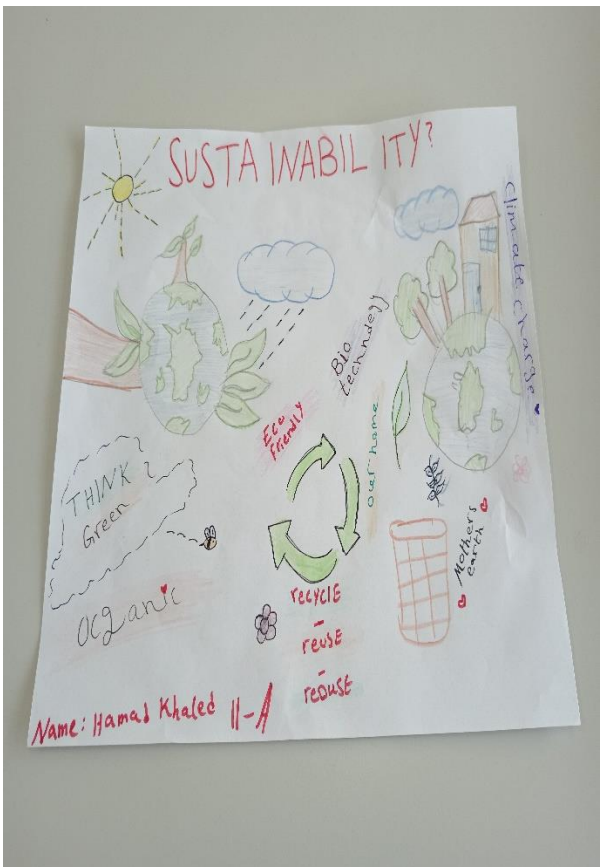
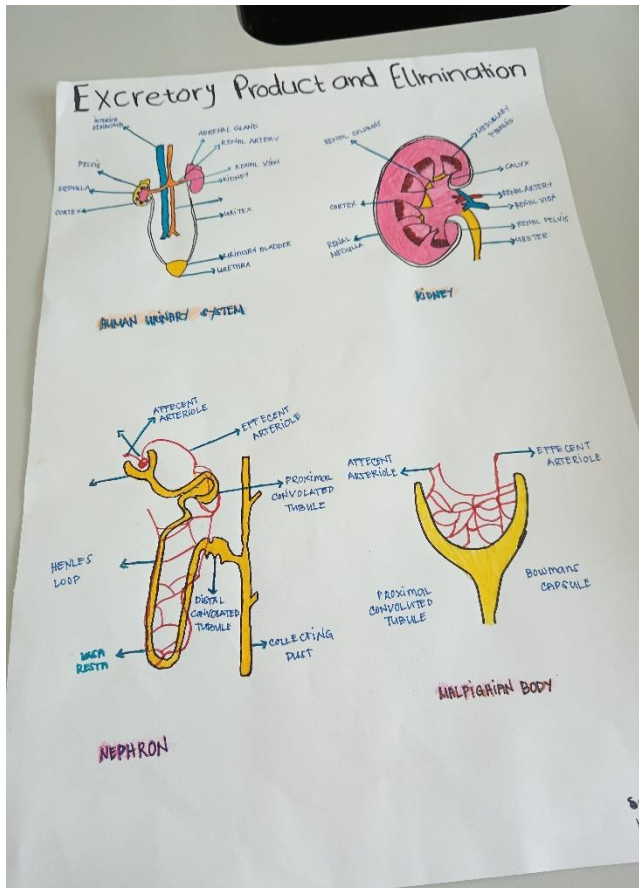


SUSTAINABILITY ACTIVITIES AMONG THE SCIENCE DEPARTMENT

Sustainability is the ability to exist and develop without depleting natural resources for the future.

Science department teachers worked together to bring some awareness among the students by encouraging them to do some posters and activities. These are few examples for their work. Meanwhile teachers also encouraged students to plant around the school.







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.



MORNING ASSEMBLY

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







STUDENT PROJECT WORK REPORTS THROUGH E-LEARNING

Objective:

Determine the PH of different water samples.

+ : Very good experiment .. Well, done

Target : Next target is to differentiate between acidity and basicity



Objective:



To identify the meaning of fossil and how it formed

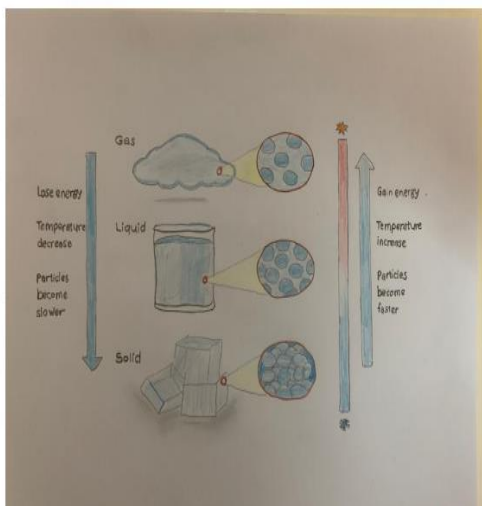
To identify the meaning of mold and cast.

+ : Great project ,I'm so pleased with your activity.

Target : Search about type of fossils.

- Student Name :Ahmad Mohammad

Objective :**Differentiate between**



Different states of matter.

(+): **Excellent work to show the differences using sketches**

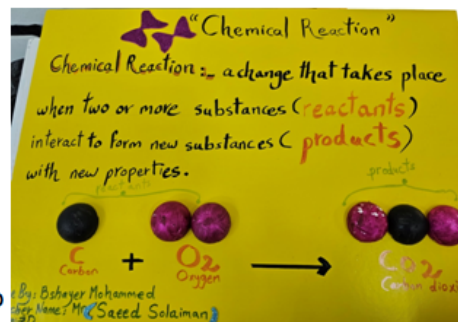
(T): **Next time hope to do a model that can describe your Idea**

Chemical reaction

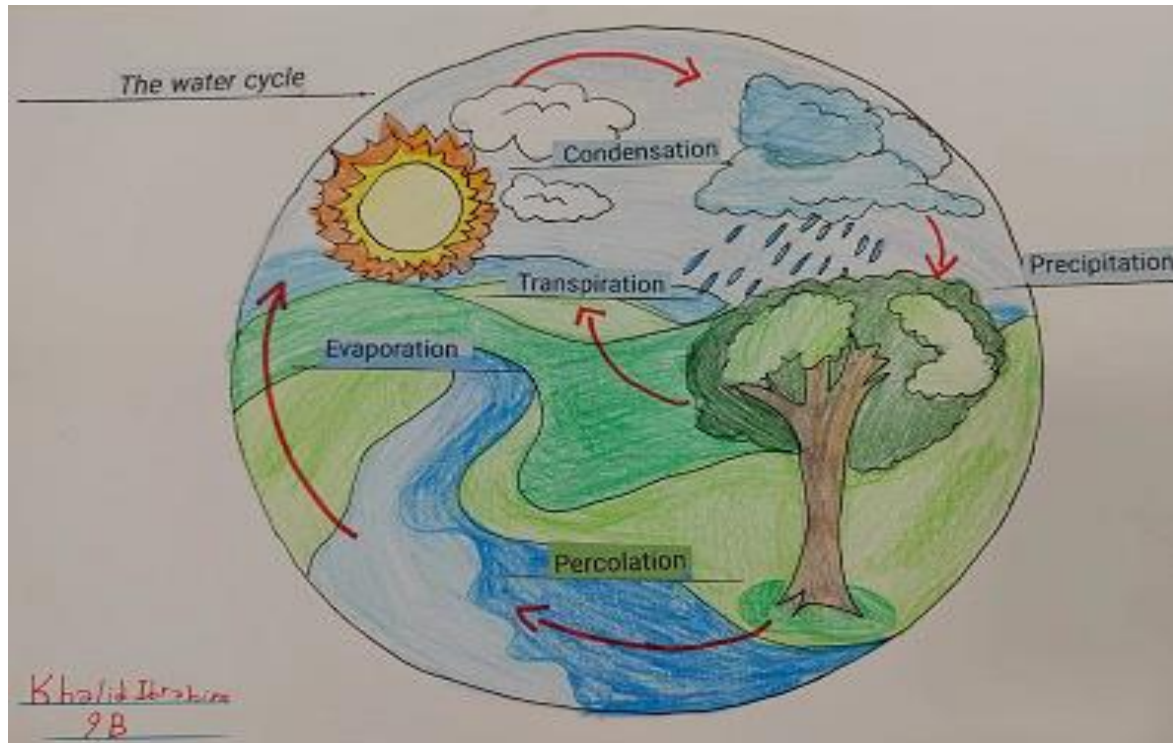
Student's name : Bashayer Mohammed

Class: 7D

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

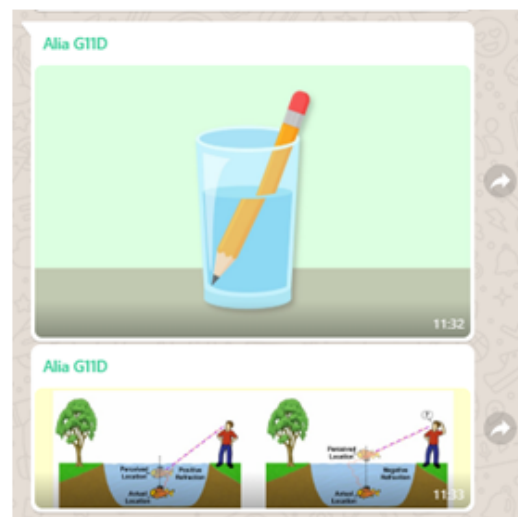


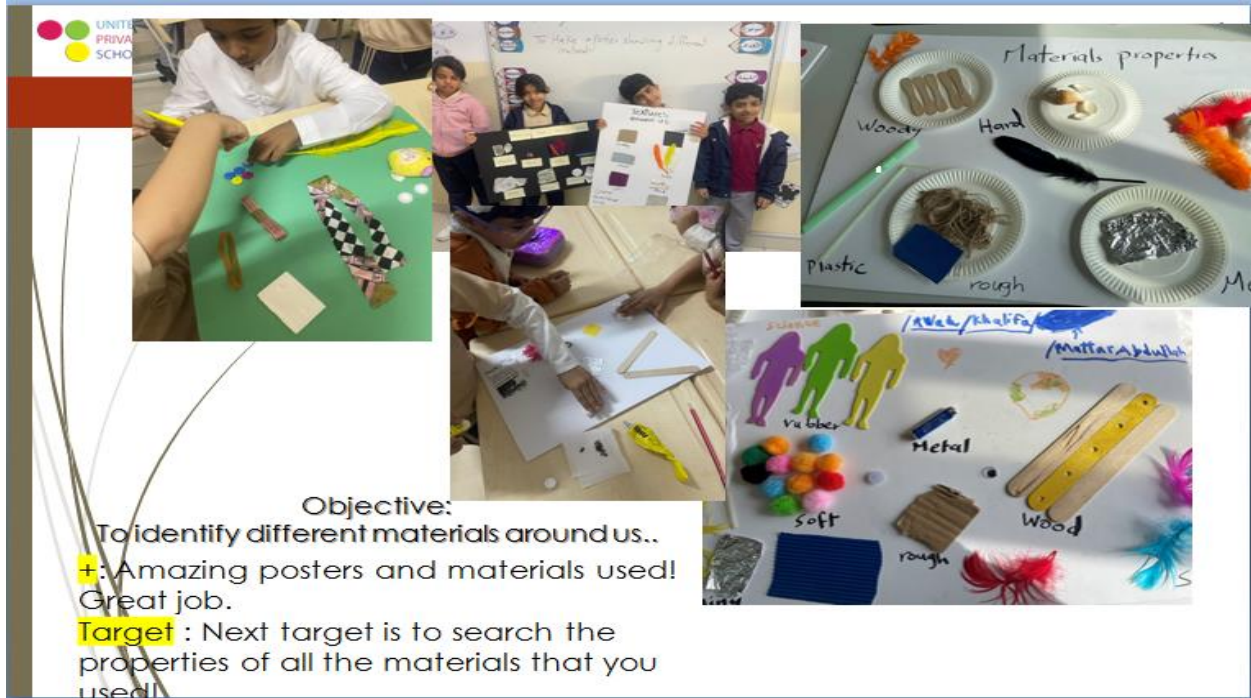
- :+: **Wonderful work ,you are so creative and clear way to show what you did , I'm sure that you are satisfying with that .**
- T: **Next target to add more details like how many atoms in the reactant and product..**



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 : Sama

Objective : - High-

Explaining the
behavior of gases

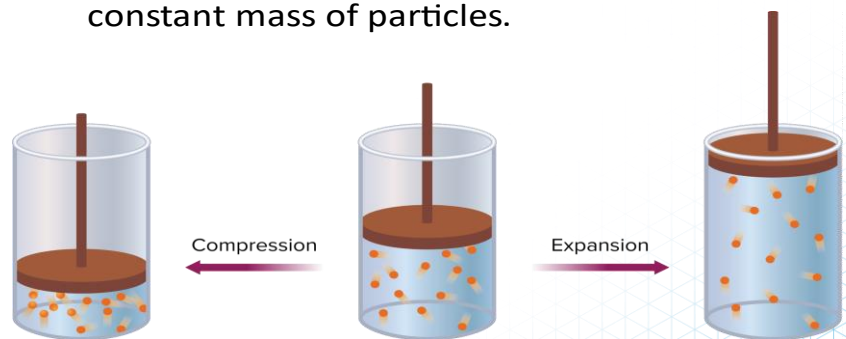
(+) The Student has
an impressive
understanding and
depth of knowledge
about gases

(T) Next task is to
define and apply
how to calculate the
rate of effusion.

Explaining the Behavior of Gases

Compression and Expansion

- In a closed container, compression and expansion change the volume occupied by a constant mass of particles.



COMMUNICATING WITH PARENTS AND STUDENTS THROUGH E-LEARNING

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.

Tue, 20 Feb

🔒 Messages and calls are end-to-end encrypted. No one outside of this chat, not even WhatsApp, can read or listen to them. [Learn more.](#)

السلام عليكم ورحمة الله وبركاته

7:00 AM

كيف الحال استاذ

7:00 AM

كيف وضع الطالب أحمد خالد B /11

7:01 AM

وعليكم السلام ابو احمد

10:37 AM ✓✓

احمد افضل شويه عن قبل لكن ما
زلنا ننتظر منه الافضل

10:38 AM ✓✓

Objective :
Discuss about
the student level
and the 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.

