



**King Abdulaziz Schools**  
INTERNATIONAL CURRICULUM  
Grades K-12 International Baccalaureate World School



# KAS

## 3RD TERM 2025

### IB CONTINUUM NEWSLETTER

2024 - 2025



Designed By:  
**Marwan Sallam**  
IB Head of Arts Faculty

We are the only school in Madinah and the 6th school in Saudi Arabia authorized by the IB to implement the: Primary Years Programme (PYP), Middle Years Programme (MYP) and Diploma Programme (DP). We are also accredited by Cognia, a nonprofit organization that provides quality assurance for schools



### بسم الله الرحمن الرحيم

الحمد لله الذي علم بالقلم، علم الإنسان ما لم يعلم، والصلاة والسلام على خير معلم للبشرية، سيدنا محمد وعلى آله وصحبه أجمعين  
أبنائي الطلاب، زملائي وزميلاتي المعلمين والمعلمات

السلام عليكم ورحمة الله وبركاته، في نهاية هذا العام الدراسي المبارك، أفق أمامكم اليوم بكلماتٍ يملؤها الاعتزاز والفخر، بما تحقّق من جهود مباركة، وإنجازات مميزة، كانت ثمرة للعمل الجاد، والتعاون، والإخلاص من الجميع. لقد كان هذا العام مليئاً بالتحديات، لكنه كان أيضاً مليئاً بالإصرار والتفاني من معلمينا ومعلماتنا الأوفياء الذين لم يدخروا جهداً في أداء رسالتهم النبيلة، فجزاهم الله عنا خير الجزاء، وبارك في عطائهم. كما أبارك لأبنائي الطلاب والطالبات على ما قدموه من جد واجتهاد، وأقول لمن أنهى مرحلته الدراسية: هنيئاً لك هذا الإنجاز، ولمن لم يحالفه التوفيق، فكل نهاية هي بداية جديدة، فاصبر وثابر، فالعطاء لا يضيع، والله لا يضيع أجر من أحسن عملاً. أيها الأحبة، مع نهاية هذا العام، نتمنى لكم إجازة سعيدة وآمنة، ملؤها النشاط والفائدة، ونسأل الله أن يجمعنا بكم على خير في العام المقبل، ونحن أكثر عزيمة وطموحاً، لنواصل معاً مسيرة التميز والبناء.

### مدير عام المدارس

حاتم كمال عبدالله وزنه

### In the Name of Allah, the Most Gracious, the Most Merciful

All praise is due to Allah, who taught by the pen and taught humanity what it did not know. May peace and blessings be upon the greatest teacher of mankind, our Prophet Muhammad, and upon his family and companions.

Dear students, esteemed colleagues,

Peace and blessings of Allah be upon you,

As we come to the close of this blessed academic year, I address you today with pride and appreciation for the commendable efforts and remarkable achievements accomplished through hard work, cooperation, and sincere dedication from all members of our school community.

This year was filled with challenges, yet it was also marked by the perseverance and unwavering commitment of our devoted teachers, who fulfilled their noble mission with excellence. May Allah reward them abundantly and bless their continued contributions.

To our dear students, I offer my heartfelt congratulations for your diligence and perseverance. To those who have successfully completed their academic stage well done on this great achievement. And to those who did not reach their goals this time remember, every end is a new beginning. Remain patient and determined, for no effort is lost, and Allah does not let the reward of those who strive go to waste.

Beloved community,

As we conclude this academic year, we wish you a joyful and safe holiday, filled with beneficial experiences and renewal. We pray that Allah reunites us in the coming year with renewed determination and greater aspirations, as we continue our journey of excellence and growth together.

**Hatem Kamal Abdullah Waznah**  
General Director of Schools





## A Grateful Reflection on a Remarkable School Year

As we close another enriching chapter of our academic journey, I would like to extend my deepest gratitude to our extraordinary team of teachers and administrative staff. Their unwavering dedication, compassion, and tireless efforts have been the cornerstone of our school's success this year. It is through their passion and commitment that our students continue to grow, thrive, and shine.

The third term of this school year has been especially vibrant and eventful. Among the highlights was the Student-led conference, a meaningful opportunity that strengthened the bond between home and school, reinforcing our shared mission in nurturing the next generation.

We also celebrated the Graduation Ceremony of our Kindergarten students, a joyful and heartwarming event that marked a precious milestone in their early learning journey. Additionally, our Grade 3 students were honored in a special recognition ceremony, applauding their hard work and achievements as they prepare for a new stage of their education.

Our school community came alive with numerous educational activities and memorable events. The holy month of Ramadan brought a special spirit to our campus. The "Noor wa Hidayah" Ramadan program inspired students with its messages of light, guidance, and spiritual growth. Through #VolunteerMoments, our students embraced the value of giving back, engaging in meaningful acts of kindness and service.

One of our proudest moments was the "Hedayati" Competition, where creativity and storytelling came to life. We are incredibly proud of our student, Meral Al-Harbi, who won first place among all participating schools—a true testament to her imagination and voice.

As we reflect on the accomplishments of this year, we are pleased to share a collection of key statistics and milestones that highlight the richness and impact of our school's activities. These numbers represent more than just participation—they are a reflection of our school's vibrant spirit and commitment to excellence.

To every teacher, staff member, student, and parent: thank you for being an essential part of this beautiful journey. May the summer bring rest and renewal, and may we return with even more passion for the bright future ahead.

**Lama Badr**  
Elementary School Principal





## A Grateful Reflection on a Remarkable School Year

### إحصائية الإنجازات لقسم البكالوريا الدولية للصقوف الأولية للعام الدراسي 2024-2025 | 1446



## الأنشطة



## التكريمات



## ورش عمل



### المسابقات والاختبارات والجوائز والتكريمات







## End-of-Year Reflections – IB Continuum Coordinator

As the 2024–25 academic year comes to a close, our halls echo with the voices of learning, celebration, and transformation. From joyful **graduations** to powerful **exhibitions**, and quiet moments of discovery in classrooms—our students have not just learned, they have **grown into thinkers, doers, and dreamers**.

“Behind every young child who believes in themselves is a parent who believed first.”

To our wonderful parents—thank you for walking this journey with us. Your support, trust, and encouragement have been the roots beneath every milestone our learners reached this year.

To our dedicated **coordinators and teachers**—your commitment to nurturing curiosity, international-mindedness, and reflective learning is what brings the IB philosophy to life each day. You don’t just deliver education—you **ignite a lifelong love for learning**.

Here’s to a year of purpose, progress, and pride. See you in the next chapter!

Warmly,  
**Raheela Akram**



# Al Hajj celebration



## Hajj performance and Eid al-Adha Celebration Report for Grade 1 Students

### Understanding Hajj

Hajj is a special journey that Muslims take to the holy city of Mecca in Saudi Arabia. It is one of the Five Pillars of Islam, which are the main duties that every Muslim should follow. During Hajj, Muslims visit important places like the Kaaba, a sacred building in Mecca, and perform different rituals. One of the main parts of Hajj is walking around the Kaaba seven times. Muslims also pray together, spend time in a place called Arafat, and remember the teachings of Prophet Ibrahim. Hajj helps Muslims feel close to Allah and reminds them to be kind and helpful to others.

### Eid al-Adha: The Festival of Sacrifice

Eid al-Adha is a big celebration for Muslims. It happens after Hajj and honors the story of Prophet Ibrahim, who was ready to sacrifice his son Ismail to show his love for Allah. But Allah gave Ibrahim a ram to sacrifice instead, showing that Allah rewards those who trust Him. During Eid, Muslims remember this story by sharing food with family, friends, and those in need. They also give gifts, wear special clothes, and say "Eid Mubarak!" which means "Blessed Eid." It's a time for joy, kindness, and helping others.

### Retan's Special Contribution

This year, our class had a unique addition to our Eid celebration. A student named Retan brought a real goat to school. She shared it with her classmates, helping everyone understand the importance of animals in the Eid sacrifice tradition. Retan's gesture was a beautiful way to show the spirit of giving and sharing during Eid al-Adha.

### Classroom Activities

To make our celebration even more fun and educational, we did the following activities:

- \*Crafts: We created paper goats and decorated them to represent the animals sacrificed during Eid.
- \*Story Time: Teachers read stories about Prophet Ibrahim and the meaning of Eid al-Adha.
- \*Songs and Dances: We learned and performed simple songs about Eid, celebrating together.
- Religion: We learned how to perform Hajj and how to pray Eid.

### Learning Outcomes

Through this celebration, students learned

- The significance of Hajj and its rituals.
- The story behind Eid al-Adha and its lessons of sacrifice and kindness.
- The importance of sharing and helping others.
- How to express joy and gratitude during special occasions.

### Conclusion

Our Hajj and Eid al-Adha celebration was a wonderful experience for all. It helped us understand important Islamic traditions and values in a fun and engaging way.

**We are grateful to Retan Almutari "Grade 2 student" for her special contribution, which made our celebration even more memorable.**  
**Eid Mubarak to everyone**







# Class Exchange visit G4 and G5





# KG3 Graduation Ceremony 2025



The KG3 Graduation Ceremony held on May 20, 2025, marked a joyful and memorable culmination of a wonderful year of learning, growth, and friendships. It was a celebration of the hard work, accomplishments, and development of each of our young learners.

The learners presented a delightful adaptation of the story, *The Rainbow Fish*. This story, with its beautiful message about sharing, kindness, and friendship, was the perfect choice to showcase the values we have nurtured throughout the year.

The costumes and undersea props of learners were a vibrant display of color and creativity. The learners delivered their lines with enthusiasm and confidence, impressing the audience with their memory and expression. They performed coordinated movements and songs, including "Under the Sea," and "Give a Little Kindness" which brought energy and rhythm to the show.

Our young learners gave a heartfelt performance of the song "A Million Dreams," perfectly reflecting the spirit of our graduating class. I am incredibly proud of how confidently and beautifully they shared this song with their moms and school community. It was a perfect ending to a wonderful year. Parents and guests were touched by the play's message and applauded the children's teamwork and talent.







Integration

Presentation

Exploration

Application

Grade 2

## Simple Machines - How the world works

Grade 2 learners explored the world around them by investigating simple machines to develop an understanding of natural laws and basic scientific principles. Through this journey of discovery, they demonstrated how various simple machines function and how these tools help simplify tasks that would otherwise be strenuous and tedious.

Using strong thinking skills and collaboration, the students designed and built a Ferris wheel, which they used to display their thank-you notes during their student-led conference. This project was a great demonstration of student agency, as they took full ownership of their learning and proudly shared their work.







## Student-Led Conferences – A Celebration of Learning! 🎉

Our young learners from **KG to Grade 3** at **King Abdulaziz School** recently took center stage during the **Student-Led Conferences**—a proud moment for students, teachers, and families alike! With confidence and joy, students guided their parents through their learning journeys, showcasing their progress, portfolios, classroom routines, and favorite activities. From reading and writing to math and inquiry projects, it was heartwarming to see our little learners take ownership and speak proudly about their work. These conferences truly reflected the spirit of the IB PYP—fostering independence, reflection, and communication from an early age.

**Bravo to our young presenters—you made us all proud!**







## Art exhibition Report 2

### "Little Hands, Big Visions"

#### Overview:

In April 2025, the elementary art gallery came alive with color, creativity, and imagination as Grades 1, 2, and 3 proudly presented their artwork in the annual "Little Hands, Big Visions" exhibition. This event was a celebration of student expression and the development of artistic skills through exploration, storytelling, and experimentation.







## We love to celebrate

In Grade 1, our learners delve into the topic of celebrations! We explore how various cultures mark special moments, like welcoming a new baby with a baby shower. This UOI (Unit of Inquiry) encourages us to be curious and open-minded. We discover the reasons behind different festivities, from birthdays to holidays, and learn to truly respect everyone's beliefs and traditions. Understanding why people celebrate helps us appreciate diverse cultures and share in their happiness.



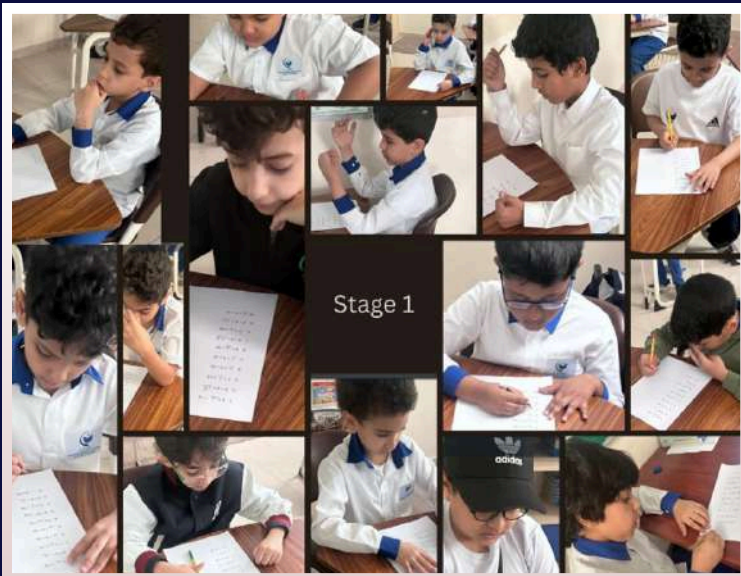




## PYP Multiplication Competition Success!

This year we hosted our first **PYP Multiplication Competition** for our upper PYP students in Grades 3, 4 and 5. This initiative was planned and organized under our PYP Numeracy Enhancement Plan which aims to improve numeracy levels across our curriculum.

The competition consisted of three rounds, the first of which was conducted in class. The first round involved answering multiplication questions in order to qualify for the second round.



For the second and third rounds, students gathered in the MYP library to take part in answering quick fire mental multiplication questions. To conclude, the final qualifiers then completed word problem challenges so that winners could be chosen.

To appreciate and recognize our students' efforts, we awarded certificates to all participants and medals and cups to the winners.

Overall, the competition was a success with all students participating and benefitting from learning and memorizing their multiplication tables. We hope this competition will aid the mental math development of our students as multiplication is a base for many math concepts that they will study. We congratulate all students and teachers for their efforts! A big thanks to Mr. Hatem for his honouring of the students and his kind encouragement!







## Water Filtration and Water Cycle

**During the preparation for PYPx students worked hard and applied all Five ATL skills to complete their models**

A group of Four students in grade 5 worked with enthusiasm and curiosity to make the following models during the preparation for their booth for PYP exhibition.

i) Water Filtration

ii) Water Cycle

A guided inquiry was conducted to prepare 3D models. All students were engaged fully in making not only 3D models but also, they seemed enthusiastic while preparing for their presentation for the day of celebrations of PYPs. They worked hard and played an important role for this upcoming event. They got opportunities to learn outside of the classroom. They organized their work and started making both models with full passion and judgement.







# DESIGN



## Middle Years Programme

Students Design projects of year 2025 demonstrating their creativity skills.







## MYP 1 – MODELING EARTH’S STRUCTURE

As part of their Earth science unit, MYP 1 (Grade 6) students worked in pairs to model the internal structure of our planet. Through creative thinking and collaboration, they compared Earth’s layers to familiar objects like eggs, cakes, and even candy. This hands-on inquiry supported their understanding of systems and transformation, while encouraging real-world connections through analogies.



## MYP 1 – EARTHQUAKE-RESISTANT STRUCTURES

In an engaging exploration of Earth’s dynamic processes, MYP 1 students designed and built model structures using various materials, then tested their stability by simulating tectonic movement with classroom desks. Their buildings were evaluated based on strength and design, encouraging students to apply scientific knowledge, develop design-thinking skills, and reflect on the real-world impact of natural hazards.



Middle Years  
Programme





## MYP 2 – INVESTIGATING HEAT TRANSFER

MYP 2 students explored the concept of heat transfer by investigating how convection occurs across different materials. Through hands-on experiments and careful observation, they deepened their understanding of energy systems and how thermal processes impact our environment—linking scientific inquiry to real-life applications.



## MYP 2 – EXPLORING LIGHT AND WAVES

As part of their unit on light and waves, MYP 2 students conducted an outdoor experiment to investigate how light behaves. By measuring shadow lengths and surface temperatures throughout the day, they made connections between light angles, energy transfer, and environmental impact—applying inquiry skills in a real-world context.





## MYP 2 – 3D ATMOSPHERE MODELS PRESENTATION

MYP 2 students showcased their understanding of Earth's atmosphere by presenting detailed 3D models to a distinguished audience, including parents, the School General Manager, IB Continuum Coordinator, DP Coordinator, and MYP Coordinator. This event celebrated student agency, creativity, and scientific communication, while reinforcing key concepts related to environmental systems and sustainability.



## MYP 1 & MYP 3 – INTERDISCIPLINARY POSTER COMPETITION

In a vibrant display of collaboration and scientific creativity, MYP 1 and MYP 3 students participated in a two-phase poster competition exploring the topics The Earth and Atoms, Elements, and Compounds. Students worked in teams to research, design, and present their posters to peers and teachers. The activity encouraged cross-grade interaction, critical thinking, and communication. Congratulations to Hussam from MYP 1 for winning the top prize with a well-researched and visually impactful poster!



Middle Years  
Programme





## MYP 3 – INVESTIGATING DENSITY THROUGH WATER DISPLACEMENT

MYP 3 students conducted a water displacement experiment to calculate the density of various objects using everyday materials. Through hands-on inquiry, they demonstrated how objects with the same mass can have different densities—strengthening their understanding of measurement, matter, and the relationship between mass, volume, and density in real-world contexts.



## MYP 3 – EXPLORING MATERIAL PROPERTIES WITH REAL-WORLD APPLICATIONS

To deepen their understanding of material properties, MYP 3 students examined real zirconia dental implants brought in by their teacher. This hands-on experience highlighted how strength, hardness, and biocompatibility make zirconia ideal for medical use. The lesson bridged classroom science with biomedical engineering, sparking curiosity and reinforcing the relevance of learning about materials in everyday life.



**Middle Years  
Programme**





## PERSONAL PROJECT EXHIBITION 2025 – SCHOOL REFLECTION

The 2025 Personal Project Exhibition at our school was a vibrant showcase of student creativity, research, and independent learning. Throughout the year, students dedicated themselves to exploring personal interests, developing new skills, and producing meaningful projects that reflect both their growth and the values of the IB Middle Years Programme.

The exhibition brought together students, teachers, and parents, offering a unique opportunity to celebrate each student's journey. Visitors were impressed by the variety and depth of the projects, ranging from innovative scientific investigations to creative artistic expressions. The interactive displays, engaging presentations, and the involvement of parents on stage made this year's event especially memorable. We extend our gratitude to the supervisors, academic team, and everyone who supported the students throughout the process. The exhibition not only highlighted individual achievements but also strengthened our sense of community and commitment to excellence.



Middle Years  
Programme





# SCIENCE LAB SAFETY EQUIPMENT

## A PRESENTATION FOR SCIENCE LAB SAFETY EQUIPMENT (AN ASSEMBLY PROGRAM)

During a fabulous assembly program, students presented extraordinarily how to manipulate science lab safety equipment in case of any emergency. The equipment comprised of a First Aid Box, Sand Bucket, Fire Blanket etc. was displayed on the table with a closer look. All school students became aware of how to use such important equipment according to the crucial situations. Presentation for not only portable equipment was given, but also the functions of fixed safety equipment such as eyewash and bath basin stations were presented by showing them pictures. All students attending the assembly program came to know how to deal with any accident that would happen in the science labs.







# FAREWELL EXAMS, HELLO FUTURE!

**Another batch, another year!**

It's been a busy time for everyone at KAS, more so for the 2025 DP Cohort who have just completed their last DP Examination in Chemistry. Lucky cohort, completing the final examination in Chemistry is akin to setting off celebratory crackers, glitz and buntings all at once!

In reaching this milestone, DP 2025 Cohort deserve our commendations. The journey has no doubt been one of intellectual challenge, personal growth, and courage, backed by unwavering perseverance. Throughout, they have demonstrated incredible resilience and commitment to studies.

We are confident that the IB experience has equipped them with invaluable skills and knowledge that will serve them well in their future endeavours.

From the KAS-DP Faculty, congratulations and best wishes for your next learning journey.

**Mohammed Alhaji Baba**  
DP Coordinator: KAS

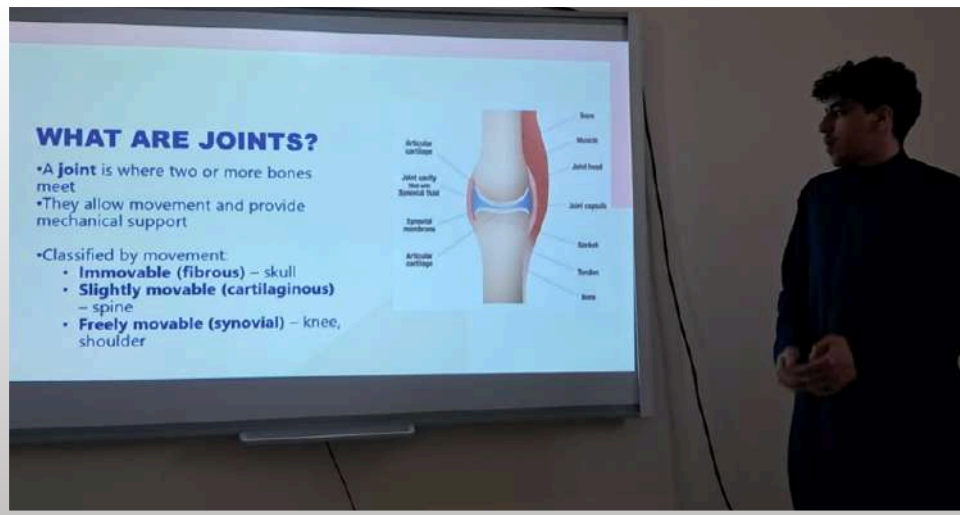




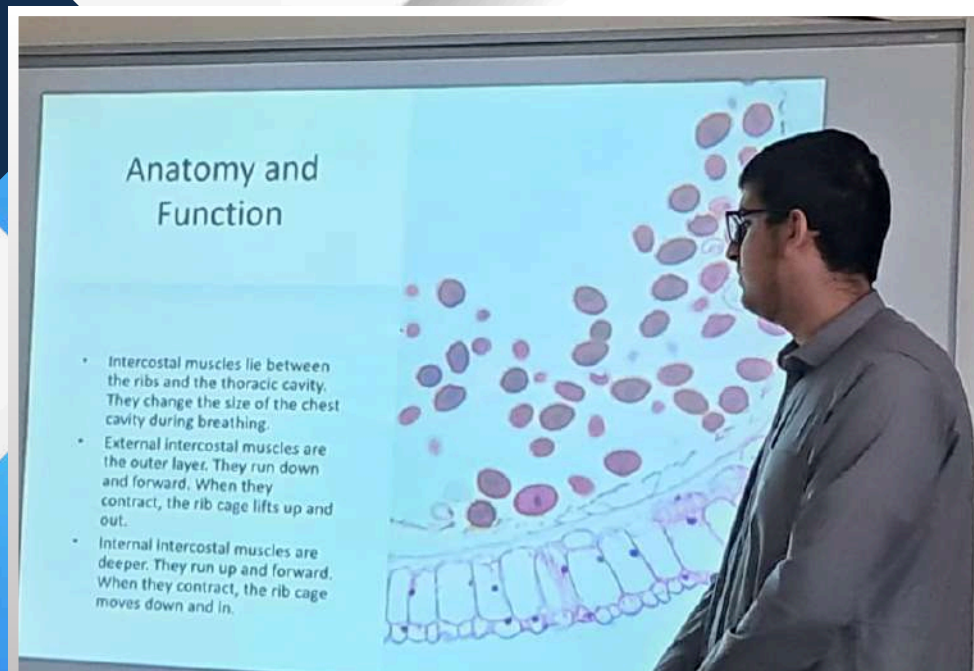


# Biology Presentation by DP1 Students

## Joints structure and functions



## Intercostal muscle anatomy







# BIOLOGY.DP. LAB WORK

**Investigating stomatal density in  
some plants leaves by DP students**





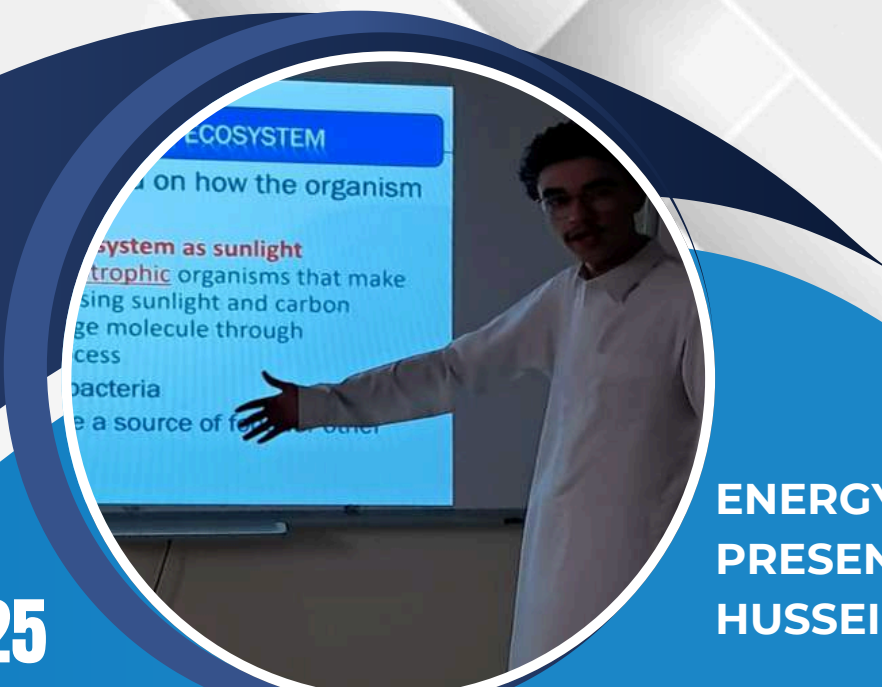


## AMERICAN DIPLOMA STUDENT'S PRESENTATION



**TYPES OF NUTRITION PRESENTATION BY  
ABDULELLAH GRADE 12**

corria



**ENERGY ROLE IN ECOSYSTEM  
PRESENTATION BY STUDENT  
HUSSEIN GRADE 12**





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# LESSONS FROM BIOLOGY INTERNAL ASSESSMENT

We often take things for granted! What's in a name? You might ask. A lot; I'll say, recalling my experience in Biology Internal Assessment.

Can you tell the difference between Sweet Potato and Irish Potato? Yes, the names say it all. However, on closer look, sweet potato's biological name is *Ipomoea batatas*, while that for Irish potato is *Solanum tuberosum*.

You might not believe it: Irish potato is much closer to tomato plants than sweet potato. In fact, both Irish potato and tomato share the same genus. And they both belong to the plant family, *Solanaceae*.

At a more physical level, Irish potato stores mainly starch in stems (modified stems) buried underground, while sweet potato stores mainly sucrose and starch in underground roots.

Other than being eaten as food, what else can we learn from?

The presence of sucrose in sweet potatoes have given them a huge advantage over Irish potatoes, when it comes to osmotic potential and ability to obtain water for its life functions. Presence of sucrose in sweet potatoes has enable them to have a high solute concentration. This helps them to have a lower osmotic potential and able to obtain water from their surroundings more efficiently than Irish potatoes.

This hherefore has made sweet potatoes more able to withstand a long period of dry conditions than Irish potatoes, as it is able to absorb water even when the solute concentration in soil is high, a great advantage for survival in extreme dry conditions.

(Nayef Dahbour: Grade 12. IB Diploma 2025 Cohort)





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*Thank You*

**King Abdulaziz Schools  
End of Term 3 – Appreciation Letter**

**Dear Students, Parents, and Faculty,**

As we come to the close of Term 3 and the academic year, we would like to express our deepest appreciation to every member of our school community. This term has been a testament to your resilience, commitment, and continuous pursuit of excellence.

Our students have shown remarkable growth—not only academically but also in character and creativity. Our parents have been steadfast partners in the learning journey, offering encouragement and support every step of the way. And our dedicated faculty have once again gone above and beyond to provide meaningful, engaging learning experiences for all.

Together, we've completed another successful year filled with accomplishments, growth, and shared memories. Your collective efforts continue to define the spirit and strength of King Abdulaziz Schools.

Thank you for your dedication and trust. We wish you a restful, joyful summer break and look forward to welcoming you back with renewed energy and inspiration.

**Best regards,  
King Abdulaziz Schools**





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# King Abdulaziz Schools

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