TWS GLOBEX Project:

The **Lower Secondary Global Perspective team** (Year 7 & 8) is delighted to announce its **GLOBEX** 2024-25 competition to encourage our young tech savvy learners to devise solutions to global problems. This competition is in line with the vision of COP28, 'We the UAE 2031' vision and is centered on Sustainable Development Goals.

Global Perspective develops the skills of research, analysis, evaluation, reflection, collaboration and communication. It strengthens the links across English as a first or second language, mathematics, science, and ICT Starters.

Research says that the earlier students start to develop and practice their skills, the greater the impact on their learning. Making Cambridge Global Perspectives available to lower secondary students will develop and embed cross-curricular skills at an earlier age, supporting them in their studies as they progress to Cambridge Upper Secondary and beyond.

Year 7

GP TOPICS	SUSTAINABLE DEVELOPMENT GOALS (SDG)
Human Rights	1. Reduced Inequalities SDG 10
Education for all	2. Quality Education SDG 04
Global brands	3. Partnership for the goals SDG 14

Link GP with SDG's

Year 8

GP TOPICS	SUSTAINABLE DEVELOPMENT GOALS (SDGs)
Sustainability	Affordable & Clean energy SDG 07 Sustainable cities & communities SDG 11
Beliefs about Food	Good Health & Food SDG 03
Digital World	Infrastructure SDG 09

Link GP with SDG's

- The solutions to the chosen challenges should be practical with an aim of producing a far-reaching impact.
- Students are encouraged to choose any medium to present their solutions. Some examples include prototype, artificial intelligence (AI), augmented and virtual reality (AR, VR), 3D models, Interactive Power Point presentations, documentaries etc.

The Competition is divided into 3 stages:

Stage 1:

- Introduction of project in class between 21-25th October by the Form Tutors
- Students can work in groups (4-5 students) or individually.
- The deadline for the submission of the blueprints/ outlines to the Form Tutors is 18th November' 2024.
- Form tutors will select 2 best blueprints and submit the names along with the blueprints to the Year Level Coordinators on 25th November'2024 on the shared link.

Stage 2:

- One or two best projects will be selected by the Year Level coordinators from every class for round 2.
- The selected groups will work on their prototype/3D models during the Winter break.
- Students to submit their stage 2 prototype on January 10th, 2025, for approval and corrections from the Global Perspective Coordinators.

Stage 3:

- The final project selected will be kept for display during the GLOBEX exhibition.
- Each team will present their projects ensuring to address the global problem and their innovative and practical solutions to address them.
- The judges will select the best projects from both year levels.

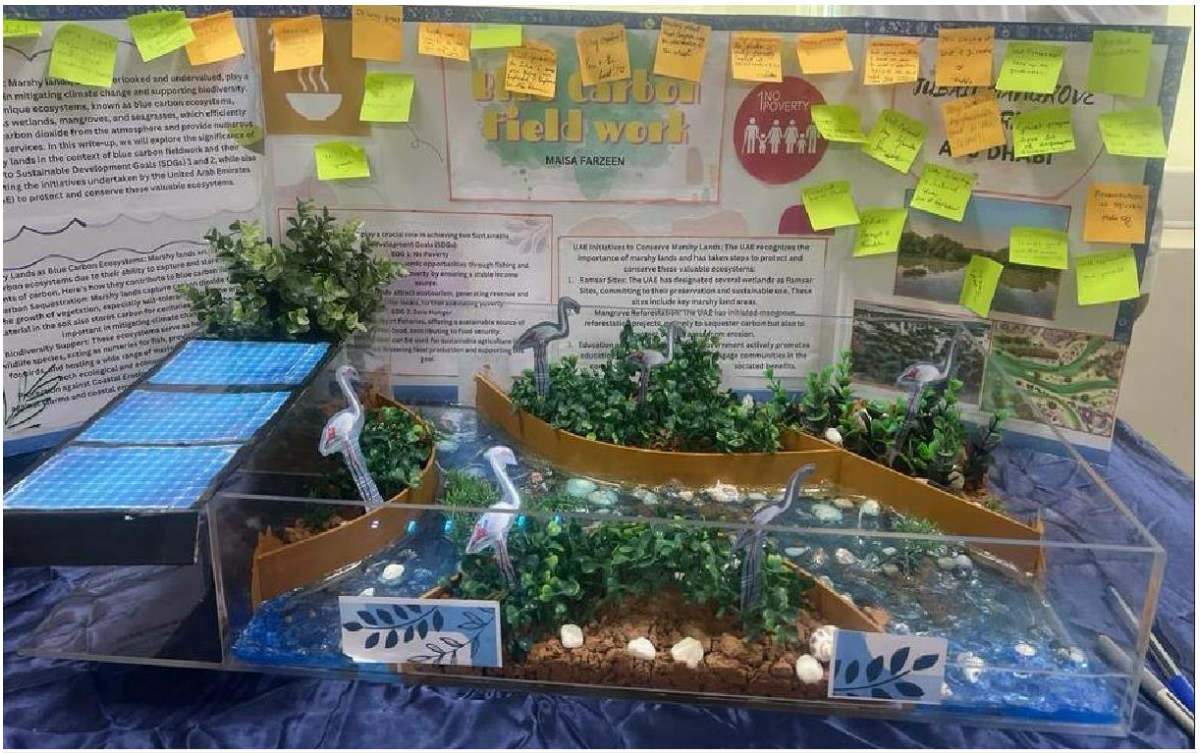
Selection Criteria - Stage 1

Teamwork/Collaboration	The team worked well together to achieve objectives. Each member contributed in a valuable way to the project. All data sources indicated a high level of mutual respect and collaboration.
Research skills	All relevant information was obtained, and information sources were valid. Analysis and design considerations were well supported by the information.
Content & Creativity	The proposed solution was imaginative and effective in conveying ideas to the audience
Communication	Team members were poised and had clear articulation. Every team member spoke and participated at a very high and balanced level. Speakers demonstrated good volume, and eye contact. Enthusiasm and confidence was exuded.
Presentation	The presentation of the material was original and presented in a creative way that held the audience attention

Selection Criteria for the Prototype- Stage 2

Creativity	The model is clearly creative and personalized and includes details unique to the features of the model.
Accuracy	The model correctly depicts multiple aspects of their drugs desired effect in the human body.
Engineering Design	The model clearly illustrates a high level of diligence that is a product of correct planning, integrated the research on the drugs mechanism action and illustrates thoughtfulness.
Overall Model	The model follows all parameters, is turned in on time, and is clearly a medicinal chemistry model.

Sample Model:



Kind Regards,

GRACE ALUOKA
ASSISTANT PRINCIPAL-SECONDARY / SIXTH FORM