Country in Focusian Republic

The members of a Project Team of the Autonomous University of Santo Domingo, developed a training with a STEAM approach for secondary education teachers of the Dominican Republic.

Equipo de Proyecto Educación con Enfoque

STEAM

UASD-Santiago

Leaders of this initiative include:

- Gladys Núñez
- Lamec Fabian
- Rosanna Ramírez
- Gabriel Morfe
- Rosa Almonte

The initiative includes 3 main points:

1. Virtual Training Workshops

From March 24 to May 5, experts will facilitate the workshops in order to support teachers with the design and development of learning activities with a STEAM approach, based on the needs of their school community.

Each participant willreceive didactic
resources and at the end
of the course they must
demonstrate the
implementation of the
knowledge together with
their students, submitting
evidence to the
coordinating team, such as
reports, photos and / or
videos.













"Talleres de Capacitación para docentes del Nivel Secundario en Educación STEM/STEAM"



Profesor de matemática Universidad Autónoma de Santo Domingo Te invitan al taller

"Proyecto STEAM mediante lenguaje de programación Scratch"

Fecha: Jueves 8 de abril 2021,

Hora 7:00 -9:00 p.m

Unirse con Google Meet: meet.google.com/mzm-zphc-zzf

With the materials used in the workshops, it is expected that **STEAM** tables will be created in three schools in order for them to continue the practices with their students.

Due to the cost of the magnetism, electricity, art, mechanical, hydraulic and physics kits, teachers will be instructed to motivate students to build similar prototypes with reusable and / or recyclable materials from the environment.

2. Instructional Conversations

The team hopes to value the impact of the instructional conversations of the experts with the teachers and students, through the development and analysis of surveys, and the collection of testimonies from the participating teachers.









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Juan G. Liria
Ingeniero experto en Física
Radiológica

"Aplicaciones de la radiación en la vida diaria"

Te invitan al taller

Fecha: Jueves 15 de abril 2021.

Hora 7:00 -9:00 p,m

Unirse con Zoom:

Activar Windows

3. Dissemination of the Work



The team hopes to expand the STEAM movement in the region by spreading knowledge beyond the workshop participants. For that, they will carry out open exhibitions in communities, between authorities, social media and in the RIED Seminar of the products obtained as a result of the workshops of the participating educational centers.

It is also expected that the **participating institutions will continue designing projects with a STEAM approach** to expand the centers, and develop educational innovations prioritizing the protagonism of students and gender equality. Likewise, that this approach motivates the creation of solutions to real problems of local communities based on critical thinking and scientific actions.