



# unitar

United Nations Institute for Training and Research

## Unitar Online Catalogue

### CIFAL Miami - Steam Weather Day

#### Personas

Plazo: 6 Feb 2025

Tipo:	Side Event
Ubicación:	Miami, United States of America
Fecha:	12 Feb 2025 to 13 Feb 2025
Duración:	1 Days
Área del programa:	Decentralize Cooperation Programme
Sitio web:	<a href="https://cifalmiami.org/">https://cifalmiami.org/</a>
Precio:	0,00 US\$
Correo Electrónico del Centro de Coordinación del Evento:	CIFALMIAMI@OAAUSA.ORG
Colaboración:	CIFAL Miami, Florida International University

### ANTECEDENTES

STEAM Weather Day is a one-day event that encourages, educates and celebrates elementary school age students to pursue careers in science, technology, engineering, arts, and mathematics (STEAM) through interactive exhibits, workshops, and activities.

## OBJETIVOS DEL EVENTO

STEAM Weather Day supports the UN Sustainable Development Goals (SDGs) by promoting quality education (SDG 4) through hands-on STEAM learning, inspiring innovation in science and technology (SDG 9), and raising awareness of climate action (SDG 13). Through interactive exhibits and activities, the event empowers young students to explore STEAM careers, fostering skills essential for sustainable development and future global challenges.

## CONTENIDO Y ESTRUCTURA

STEAM Weather Day is a dynamic, hands-on event designed to inspire elementary school students to explore careers in science, technology, engineering, arts, and mathematics (STEAM) through the lens of weather and climate. The event features interactive exhibits, engaging workshops, and live demonstrations led by experts in meteorology, engineering, and environmental science. Structured to be both educational and fun, students participate in experiments, simulations, and creative activities that highlight the impact of weather on daily life and the importance of innovation in forecasting and climate resilience.

## METODOLOGÍA

STEAM Weather Day uses an experiential learning approach, combining hands-on activities, interactive demonstrations, and expert-led workshops to engage students in STEAM concepts. The methodology emphasizes inquiry-based learning, allowing students to explore weather and climate topics through experiments, real-world simulations, and creative problem-solving tasks. By integrating collaborative learning and storytelling, the event makes complex scientific concepts accessible and fosters curiosity, critical thinking, and a deeper understanding of the role of STEAM in everyday life.

## PÚBLICO OBJETIVO

elementary and middle school students from 18 Miami-Dade County schools. The target audience for STEAM Weather Day includes elementary school

students (grades K-5), educators, and parents. The event is designed to inspire young learners to explore science, technology, engineering, arts, and mathematics (STEAM) through engaging, hands-on experiences. Additionally, it provides teachers with innovative educational tools to enhance classroom learning and encourages parental involvement in fostering curiosity and STEM-related career aspirations in children.