Middle School Programs

CLIMATE ENTREPRENEURS

The purpose of the program is to promote in students understanding towards the climate change originated by the actions of human beings. It has the objective of inspiring responsibility and cooperation needed to mitigate their effects to drive sustainable development habits.

The objectives of Climate Entrepreneurs
By the end of the program the students should:
▲ Learn the basic and general concepts on climate change, including: its conception, causes and effects.
▲ Understand that some human activities produce important climate changes risking the environmental balance. Understand their important role as citizens (individuals, workers and consumers) in the mitigation actions.
▲ Perceive the climate change problematic not as a devastating event but as an opportunity to innovate in transforming ideas.
▲ Understand that, everyone from their own place, can promote positive changes.

IMPLEMENTATION
The implementation of the program "**Climate Entrepreneurs**" is structured in the following way:
▲ First visit to the school: Introduction of the volunteer to the directors, teachers and students.
▲ First to fifth session: Implementation of the program sessions and certificates presentation.

SESSION 1 – OUR ENVIRONMENT

General Vision
In this first session, we will develop the concepts of: "environment", "climate", "time", "greenhouse effect" and "temperature". In this way, the student will become familiar with the context that will allow them to understand this complex theme.
The students will actively participate on the session. The volunteer will guide the students to comprehend the phenomenon of climate change, generating spaces to think.

Objectives
For students to:
▲ become familiar with the meaning of the concept **environment** and learn that it is a place shared by everyone that lives in it.
▲understand the concept of climate.
▲understand the mechanism of the greenhouse effect and that it is part of a natural process of the planet.

Vocabulary
Climate/Time – Natural Elements – Environmental issues - Environment – Social elements - Environmental damage – Greenhouse Effect

Time
60 minutes.

CLASE 2 – CLIMATE CHANGE EFFECT

General Vision
In this session, the students will study the general concepts of the effect of climate change on the environment and its elements, especially on human life.
Furthermore, they will work on the importance of decision making and how to apply this concept on the theme dealt with.

Objectives
For students to:
▲Understand the consequences of climate change and how these affect and will affect human activities.
▲Learn to take decisions.
▲Understand that climate change affects us all and that with their creativity and commitment it is possible to change the current situations.
▲Observe how through history human beings find solutions to environmental issues.

Vocabulary
Biodiversity - Government - Enterprises – Citizens – Decision making – Desires and Needs

Time
60 minutes.

SESSION 3 – ECONOMY AND CLIMATE CHANGE

General Vision
In this session, the students learn the connection between the economic activity and climate change. They are introduced to the activities professionals do to look after the environment from work and the job market that arises among it.

Objectives
For students to:
▲Understand the changes in ways of producing since the Industrial Revolution and how it improves people´s life quality.
▲Know that there are several ways of looking after the environment, without the need of falling into conservation.
▲Know the different job opportunities that arise from taking care of the environment.

Vocabulary
Goods and Services – Manual and Handcraft Production – Industrial Revolution - Economy - Job Market – Cattle Farming – Agriculture

Time
60 minutes.

SEESION 4 – SUSTAINABLE DEVELOPMENT

General Vision

This session proposes to the students a solid work on the measures to take to mitigate and adapt to the effects of climate change.

Objectives

For students to:

▲ Understand the concepts on Sustainable Development and the 3 R´s Strategy.

▲Know what habits can be incorporated to reduce the negative impact on the climate.

Vocabulary

Sustainable Development - Reduce - Recycle - Reuse – Mitigate – Renewable Energies and Non Renewable Energies - Water - Energy – Waste

Time

60 minutes.

SESSION 5 – DOWN TO WORK!

General Vision

In this session, the students will develop a Project to communicate to the school everything that has been learned with the intent of raising the community´s awareness about the need of changing some habits.

Objectives

For students to:

▲ Carry out a Project chosen by them to encourage their classmates, teachers and the school staff to be part of the adaptation and mitigation actions on climate change.

Vocabulary

Project – Teamwork – Planning

Time

60 minutes.