**LESSON PLAN**

School: Perifereiako sxoleio Peristeronas

Class: 5th, 6th grades

Subject: Environmental education

**Objectives for students**

* To realize that in our everyday life we use energy in a great extend
* To find out the multiple types of energy we use and how they transform in other types
* To make them aware that our life is based mostly in electricity which is a non-renewable type of energy
* To make them understand the need to use other types of energy(renewable) in our life

**Activities and procedure**

**Activity 1: Energy hunt. Worksheet**

Objectives:

To test students ´ starting point about energy consumption

Procedure:

* Students write the name of some daily devices that use energy to work (10 devices)
* Students share what they wrote with their classmates. They identify the objects that are repeated, discuss if all of them use energy.

**Activity 2: Chart. Worksheet**

Objectives:

* To find out the most common types of energy and their sources that we use in our daily life.
* To learn that energy transforms.
* To become aware that most of our daily devices worked in a different way in the past.

Procedure:

Children choose some of the devices written in the previous activity and complete the following information about each one: Is it a necessity / How is it manufactured/ which energy does it use? / where does that energy come from? /which object did they use before to do the same work?

The teacher presents some objects in the classroom for students to see the different types of energy they use. For example, a clock that works with batteries, another with electricity and another with solar power. Where this is not possible, he presents some photos and pictures from the internet in order to help them complete the information needed. Students observe, share opinions and knowledge and discuss before completing the chart.

**Assessment tools:**

* Students´ opinions about own work
* Students ‘productions
* Checking lists
* Students ‘participation

**Checking list- Activity 1**

* Student finishes his/her task
* Student shares the information with his/her mates
* Student shows interest in mates ‘work
* Student discuss what they wrote

**Checking list -Activity 2**

* Student completes his/ her task
* Student is able to give reasons for his/her answers
* Student shows interest and listens to his/ her mates
* Student is able to express opinions
* Student observes and finds the information needed
* Student knows different types and sources of energy
* Student can share information with his/ her mates
* Student is aware of own work