



S.T.E.A.M. Children Engineer Academy-Greek lesson plans

LESSON PLAN: 2nd year –12th Lesson/Nov 2018

TITLE	<p>Introduction to blocky programming using units from www.Hourofcode.com (STARWARS/RUN MARCO!) for the 5th grade pupils of the Primary school.</p> <div style="display: flex; justify-content: space-around;">   </div>
THEME	Science/Technology
GRADES	5 th Grades
DURATION	90'(2X45 minutes)
REALIA-MATERIAS	<ul style="list-style-type: none"> ● Internet ● Computers ● Interactive Board
OBJECTIVES	<p>Through the lesson, pupils will:</p> <ol style="list-style-type: none"> 1. understand the reasoning of successive commands in programming 2. enhance and comprehend the reasoning of repetition 3. understand the reasoning of command orders 4. understand the blockly commands in programming
DESCRIPTION	<p>These two hours, pupils play games from www.hourofcode.com which include “Run Marco”, and “Star Wars” games, while they are watching the corresponding videos with given instructions. They familiarize themselves with blockly development throughout the www.hourofcode.com and these applications finally help them to understand the concepts of repeat and selection commands. All activities will be grouped together.</p>

EVALUATION	<p>Evaluation indicators:</p> <p>Pupils divided into groups will enter the computers of the computer lab to play the “Minecraft” game, on the www.hourofcode.com, which actually requires these commands to be used. There will be an ICT teacher observing and supporting the whole process. Finally, students will respond on a Kahoot quiz!</p>