


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

LESSON PLAN: 1st year –8th Lesson/May'18

TITLE	<p>Presentation creation on Google Docs – Slides using the Google Keep and specific words – key words. Final presentation of the tasks. Teaching intervention assessment, using the Kahoot.</p> 
THEME	Science/Technology/Art/Engineering
GRADES	6 th Grades
DURATION	90'(2X45 minutes)
REALIA-MATERIAS	<ul style="list-style-type: none">• Truffle ingredients• Tablets• QR Code Generator & QR Code Reader App• Interactive board notes• Google Keep App• Google Docs• Cahoots
OBJECTIVES	<p>Through the lesson, pupils will be able:</p> <ol style="list-style-type: none">1. To use the Google Keep application, utilizing the photos they took during the recipe running.2. They will create a presentation on the Google Docs, using key words of the basic programming commands, seen on the interactive board.3. Every team will prepare the presentation they made during

	<p>the third lesson.</p> <p>4. They will be assessed by the Kahoot application using their tablets.</p>
DESCRIPTION	<p>During the third lesson pupils will be at the ICT lab and using the PCs, will create a Google Slide presentation, including the steps-commands of the recipe they made. Simultaneously, they will use particular key words seen on the interactive board, such as (if..then...otherwise...for so many times....begin....end...).</p> <p>They will once more use the tablets to upload and insert photos in their presentations, taken by themselves during the recipe running.</p>
EVALUATION	<p>Evaluation indicators:</p> <p>At the end of the third lesson pupils will have comprehended the meaning of the algorithms and the basic fundamentals that rule programming. They will know programming key-words, like begin/end, as well as choice commands: if/then/else and repetition ones like while or for. They will have learnt the Google Keep and Google Docs applications. They will experience that technologies such as the above ones, communicate and will see the utility of such communication.</p> <p>At the end of this four-hour lesson (the one before and this one), pupils will also have comprehended the basic fundamentals of the rule programming and will have their first aspect of the basic commands/instructions of repetition and choice.</p> <p>They will have been acquainted with the QR codes technology and will simultaneously learn the Google Keep and Google Docs applications.</p> <p>Pupils will have worked in teams, using their mobile devices in a funny and innovative way discovering the Mobile Learning, in the context of CSCL (Computer Supported Collaborative Learning)</p>

	<p>which has been proven to offer multiple benefits to the teaching procedure, both at a cognitive level and at a collaboration quality level, among the pupils.</p>
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	<p>Finally, pupils will have collaboratively worked in a funny and innovative way.</p>
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