Department of Digital Systems
University of Piraeus

Computer Supported Learning
Engineering Laboratory

Inquiry Based Learning in Primary Education: A Case Study Using Mobile Digital Science Lab

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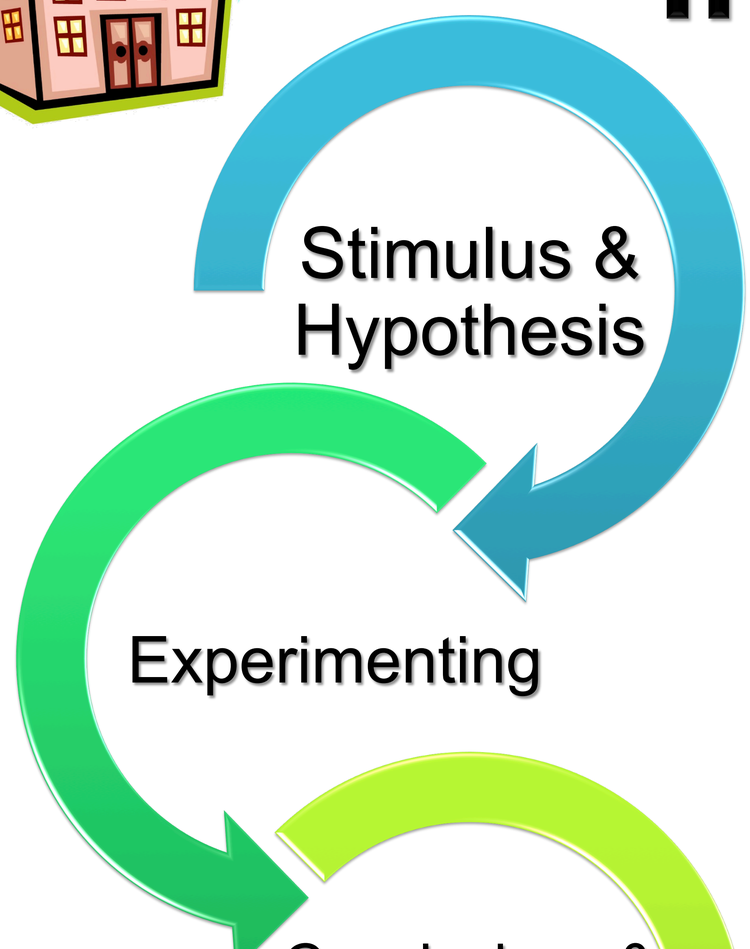
Objectives

- *engage students in **inquiry learning** using **lab disks***
- *promote students' **collaborative inquiry thinking skills***
- *apply **modern assessment techniques** (peer assessment, rubric, concept map)*

- *Measurements in **groups.***
- *Use of **Labdisc***
- *Different **Time Zones***
- *Different Places*
  - ***Sea** environment*
  - ***Mountain** environment*
  - ***School** Environment*

- ***Everyday life** connection*
- ***Peer** assessment*
- ***Rubric** evaluation*
- ***Individual** Performance*



Inquiry Based Learning *using*

- ***summarise** their recordings*
- *teams return to their initial hypotheses - **feedback***

Results & Conclusions

- *Appreciation of the use of a different learning approach.*
- *Positive respond using a digital mobile disc as a tool for making their measurements.*
- *utilising Inquiry Based Learning activities greatly improved the process of restructuring the students' primary ideas.*

SAILS Strategies for Assessment of Inquiry Learning in Science

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