



The acquisition of science competencies using ICT real time experiments COMBLAB

Uusia tutkimuksellisia töitä

- esimerkkinä spektroskopia

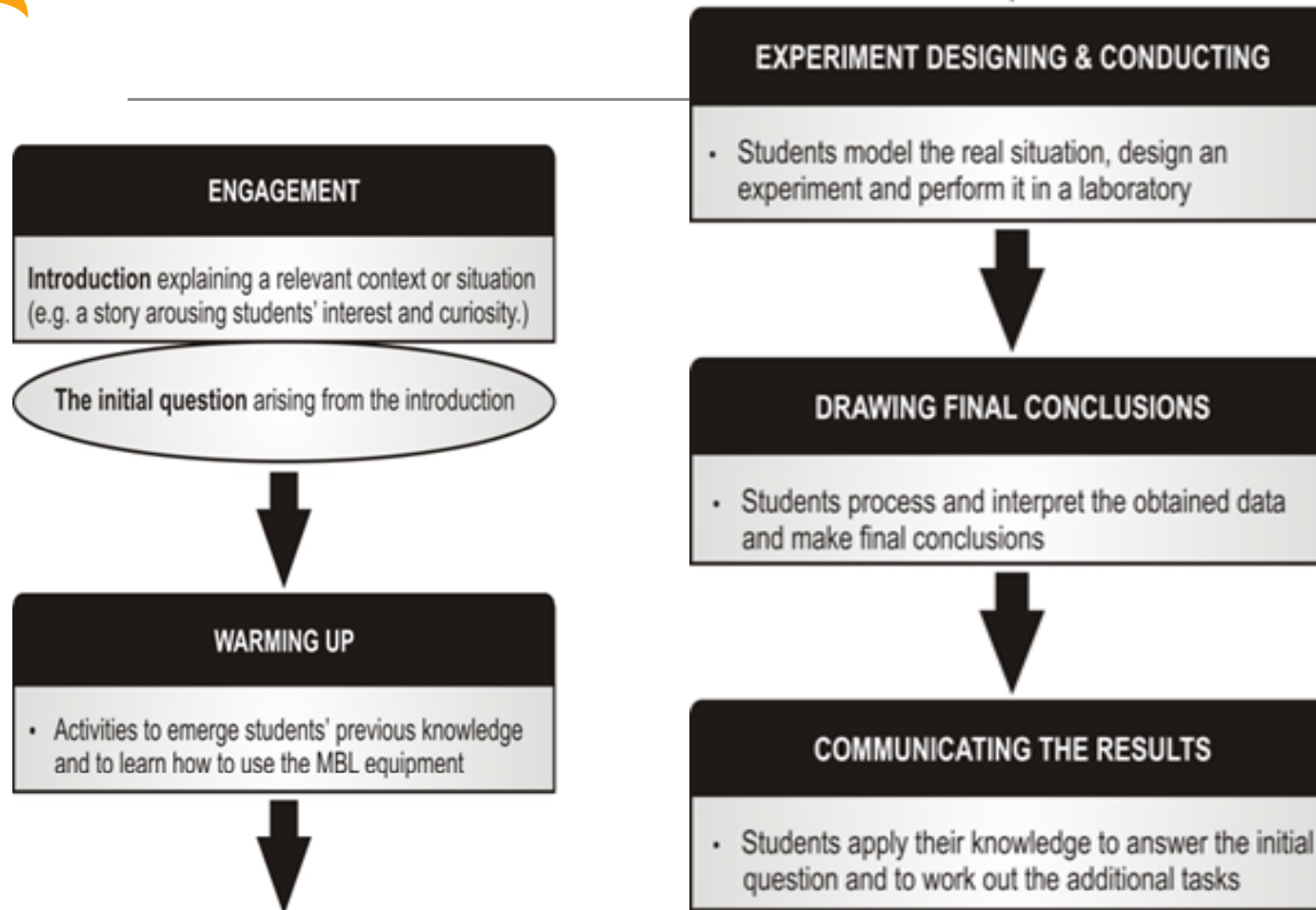


Project N. 517587-LLP-2011-ES-COMENIUS-CMP

This project has been funded with support from the European Commission. This publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein



Töiden rakenne





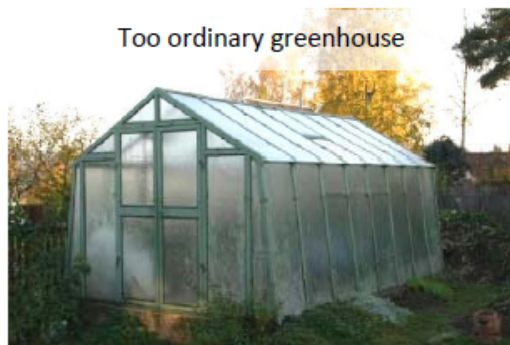
Esimerkki kemian töistä

The greenhouse problem

Interaction between light and matter

Mr. Brown decided to build up a new greenhouse at his garden.

Too ordinary greenhouse



His wife was very keen about it and because she was a very cheerful person she wanted their greenhouse to be colourful and so they both agreed on green colour. Mr. Brown started building the greenhouse and soon, there was a green-glass greenhouse right in the middle of the garden. They planted all kinds of vegetables and enjoyed their unique greenhouse. But very soon, they discovered that plants don't grow and even turn yellow. Can you help Mr. and Mrs. Brown and explain them what the problem is?



Lisätietoa

- Tutkimuksellisuudesta tai projektista kiinnostuneille:
 - Tutkimuksellinen kemian opetus lukiossa - täydennyskoulutus 28.4.—12.5:
<http://www.luma.fi/tapahtumat/2736/>
 - ISSE-symposium 11.-12.10:
<http://www.helsinki.fi/luma/isse/2014/>