



5E Learning Cycle Laboratory Instruction

By Aybuke Pabuçcu

LAP Lambert Academic Publishing Sep 2012, 2012. Taschenbuch. Book Condition: Neu. 220x150x17 mm. This item is printed on demand - Print on Demand Neuware - Students usually learn the concepts of acids and bases with memory strategies; therefore, they have many misconceptions related to them. Well-designed 5E Learning Cycle Model Instruction can be used to remove misconceptions and to provide a better understanding; by creating conceptual conflict with the existing knowledge and facilitating conceptual change. Moreover, like scientific knowledge, helping students to develop adequate understanding of nature of science is another desired outcome of science teaching. Therefore, in this book, there is a detailed literature review about misconceptions, learning cycle models and nature of science. Then, the study, which focuses on the effect of 5E Learning Cycle Laboratory Instruction on students understanding of acid-base concepts, is explained. Perhaps the most important feature of the book is 5E model-laboratory activities. There are six separate activities in the book including: General properties of acids & bases; Strengths of acids & bases; pH/pOH concepts; Acid-base titration; Hydrolysis and Buffer solutions. Activities are aimed for students in secondary chemistry education. 276 pp. Englisch.



READ ONLINE
[8.79 MB]

Reviews

Certainly, this is actually the very best job by any author. It really is rally exciting through studying time. You may like how the blogger write this pdf.

-- **Rudolph Jones MD**

Completely essential go through ebook. I was able to comprehended almost everything using this created e pdf. You will not sense monotony at anytime of your time (that's what catalogs are for relating to if you request me).

-- **Timmothy Schulist**