5E Learning Cycle Laboratory Instruction

By Aybüke 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
[5.96 MB]

Reviews

The book is simple in read through safer to understand. I could comprehended everything out of this published e pdf. I discovered this book from my i and dad advised this pdf to learn.
-- Maud Kulas I

This created publication is wonderful. it absolutely was writtern extremely completely and beneficial. I discovered this publication from my dad and i encouraged this publication to discover.
-- Kristina Kshlerin DDS

You May Also Like

Art appreciation (travel services and hotel management professional services and management expertise secondary vocational education teaching materials supporting national planning book)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Pages Number: 146 Publisher: Higher Education Pub. Date :2009-07-01 version 2. This book is a secondary vocational education and management of...

The Mystery of God s Evidence They Don t Want You to Know of (Paperback)

Createspace, United States, 2012. Paperback. Book Condition: New. 276 x 214 mm. Language: English . Brand New Book ***** Print on Demand *****.Save children s lives learn the discovery of God Can we discover God? What does science prove?Why we were never...

Programming in D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers who are new to computer programming. Although...

Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG, Eignungstest für das Medizinstudium, Adult Attachment Interview,...

Children s Handwriting Book of Alphabets and Numbers: Over 4,000 Tracing Units for the Beginning Writer (Paperback)

Createspace, United States, 2015. Paperback. Book Condition: New. 254 x 203 mm. Language: English . Brand New Book ***** Print on Demand *****.The Children s Handwriting Book of Alphabets and Numbers provides extensive focus on alphabet tracing and number tracing for the...

A Smarter Way to Learn JavaScript: The New Approach That Uses Technology to Cut Your Effort in Half (Paperback)

Createspace, United States, 2014. Paperback. Book Condition: New. 251 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.The ultimate learn-by-doing approachWritten for beginners, useful for experienced developers who want to sharpen their skills and don t mind...