Teaching in the Sciences: Learner-centered Approaches (Hardback)

By -

Taylor Francis Ltd, United Kingdom, 2005. Hardback. Book Condition: New. 213 x 157 mm. Language: English . Brand New Book. Gain a clear understanding of what effective teachers do--and how successful students learn Over the past 20 years, a greater concentration on research aimed at both teaching and learning has revealed that chalk and talk teaching, copying notes, and cookbook practical lessons offer little challenge to students. Teaching in the Sciences: Learner-Centered Approaches steers the learning process away from traditional modes of instruction to a more student-centered, activity-based curriculum that makes science relevant, engaging, and interesting. This innovative book helps educators bring out the best in their students--and themselves--by identifying and meeting students needs and providing environments that encourage active, strategic learning. Helpful tables and figures make complex information easy to access and understand. Rather than focusing on teaching methods that merely deal in the content of life science, Teaching in the Sciences: Learner-Centered Approaches promotes a deep learning designed to develop critical and skilled learners. This collection of frank and thoughtful empirically based papers places greater emphasis on learning environments and social interaction patterns, assessment processes, and perceptions of students and teachers in a range of learning and teaching...

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