

Creativity and Discovery

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Currently, scientific advances are accelerating, and human society is facing with data and information explosion and the importance of knowledge, innovation and discovery in the creation of wealth is constantly increasing. Recognition of creative teaching practices and methods of discovery and innovation are the most important issues and challenges in the teaching and learning process in educational and research centers. In this article, with the question of “Is it possible to shape a creative and discoverer human by education?” Different levels of education have been explained and knowledge-based teaching as a creative education using human experience in language teaching and inspiring nature as the best creative teaching methods have been introduced. Finally, in answer to the question of “How big discovery happens and what the relationship of it with creative education?” Various types of discovery methods, including question-based discovery, serendipity and accidental discovery, logic and reasoning, imagination and dreaming, biomimetics and nature-based discovery, beliefs, and planned based research are introduced and their effective relationship (their effective link) to creative education has been studied and emphasized.

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