

The Development of an Animated Teaching Module Designed To Increase Understanding Of The Basic Concepts Of DNA, RNA, and Protein Synthesis Among Ninth Grade Biology Students

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Can a two-dimensional Flash animation be created to help teach about DNA? The goal of this thesis was to create a teaching module for DNA, RNA, and protein synthesis, designed for ninth grade students. The module contains animations created in Adobe Flash and quizzes after each section. It is to be used as a textbook and lecture supplement for high school students. Quantitative assessment showed an improvement in comprehension. Qualitative assessment showed positive feedback from both students and the teacher.