

Summary:

The aim of the thesis was to create didactic materials for teaching of kinetics of chemical reactions in the frame of high-school chemistry. The Framework Educational Plan and employed chemistry textbooks are the groundwork of the Thesis. The three projects of two-hours lessons and laboratory course were created. The other prepared didactic materials concerned on the kinetics of chemical reactions are: PowerPoint presentation, didactic stories, working sheet, problem exercises, didactic games, didactic test, and conception map. The experiments on chemical kinetics were collected, tested, and videotaped.