Abstrak

Fentie Nuriasih Utamie: "Application of SAVI Learning Models Assisted with Mind Maps to Improve Students' Creative Thinking Skills on The Excretory System Material" (*Pre-experimental* Research in the Class VIII Junior High School 8 Bandung)

Creative thinking is part of the high level thinking (*High Order Thinking Skill*) which become 21st century character education. SAVI learning model presents the learning process by involving students' senses, assisted with *mind maps* will facilitate students visually because it maximizes the work of the brain to remember informasition.

The study aims to determine the implementation of the learning process, analyze the influence and improvements of the students creative thinking skills, as well as students' responses to the mind maps learning model SAVI.

Descrptive research method using *Pre-Experimental one group pretest-posttest* research design. The study was conducted in class VIII with a sample of 63 students. Data collection was obtained from test results, observation sheets and questionnaires.

The results of the analysis of the effects of classroom learning VIII-D are obtained T count (1,4821) < T tabel (1,8409) (H1 received) and class VIII-G T count (1,2856) < T tabel (1,8409) (H1 received). The results of the average student response in class VIII-D 3,41 (very high) and the average score in class VIII-G 3,23 (high).

Concluded that at the level of significance $\alpha = 5\%$ there is significant positive effect on the application of SAVI learning models assisted with *mind maps* to increase students' creative thinking skills on the excretion system material.

Keywords: *Learning Model, SAVI, Mind maps, Creative Thinking, HOTS, Excretion.*