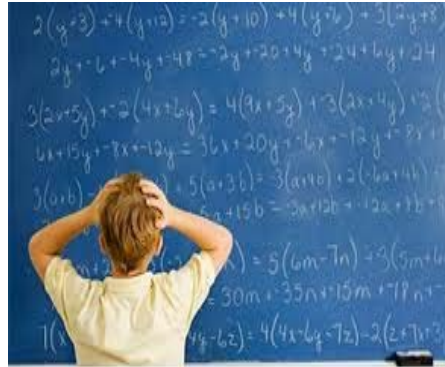


Facilitation of the Creative Process in the Teaching of Mathematics: Verifying cycles of feedback



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Free seminar

Numerous models of the *creative process* have been proposed over time. Perhaps the seminal work is the classical four stage model of creativity put forward by Wallas (1926) involving the phases of *preparation*, *incubation*, *illumination* and *verification*. In addition, Shaw (1989) has speculated on the presence of at least five feedback loops arising between each stage of the classical model.

The study presented in this seminar examines whether these *feedback loops* can be modelled and interpreted meaningfully using data from a non-random sample of 405 middle school students in Grades 7 to 10 enrolled in the Mathematics Challenge for Young Australians.

Results and their implications for the *creative process* are discussed together with consideration of implications for learning and teaching in mathematics.

When: Tuesday 4 August 2015, 7:00 - 8:30pm

Where: ACER Adelaide Office
186B Pulteney Street, Adelaide SA 5000
(Nearest Parking: Flinders Street; Roper Street Car Parks)

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