

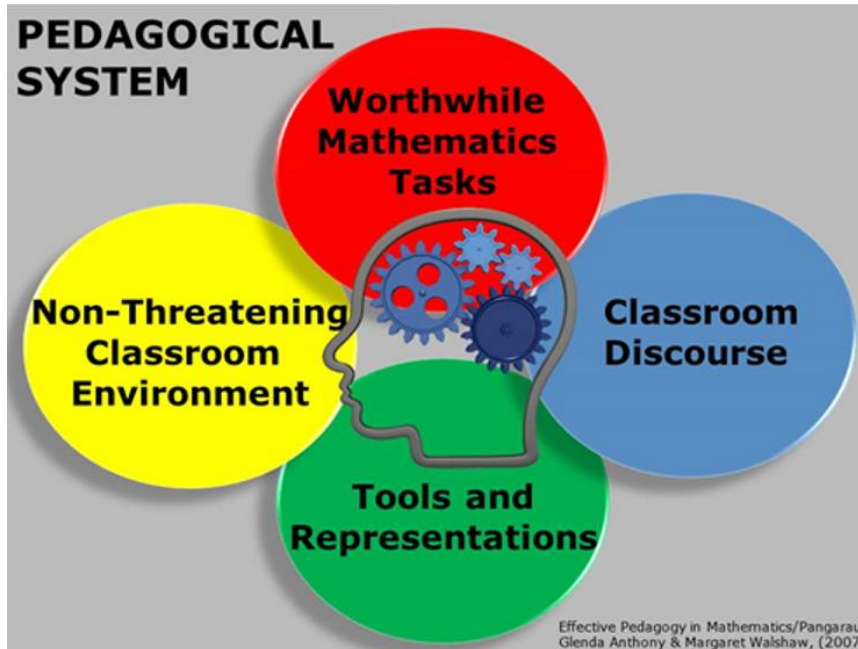
Worthwhile Mathematical Tasks

The selected tasks and examples support how students view, develop, use and make sense of the mathematics.

Non-Threatening Classroom Environment

The classroom community encourages students to think, reason, communicate, reflect upon and critique that which they encounter.

PEDAGOGICAL SYSTEM



Classroom Discourse

Opportunities are provided for students to justify and explain their thinking; examine conjectures, disagreements & counter-arguments.

Tools & Representations

Students make their mathematical thinking visible. Representations and/or tools are used to do so, and they help students clarify their understandings.

Goal: To improve student achievement, engagement and well-being.

Flipping the Focus, 2018

Reference: Anthony, G. and Walshaw, M. (2009). *Effective Pedagogy in Mathematics*. http://www.iaoed.org/downloads/EdPractices_19.pdf