

Reverse Engineering Teachers

Donna Kotsopoulos | September 28, 2013

In education, education *should* matter.

Quality of the teaching is the most influential in-school factor for student success.

- **Who is teaching our children mathematics?**
- **Who is leading the mathematics strategies at boards and at the ministry?**
- **Are these individuals with disciplinary preparation in mathematics and in mathematics education?**

Mathematics teachable (JI) 8%

Mathematics teachable (IS) 16%

Source: OCT, 2012 Data, www.oct.ca

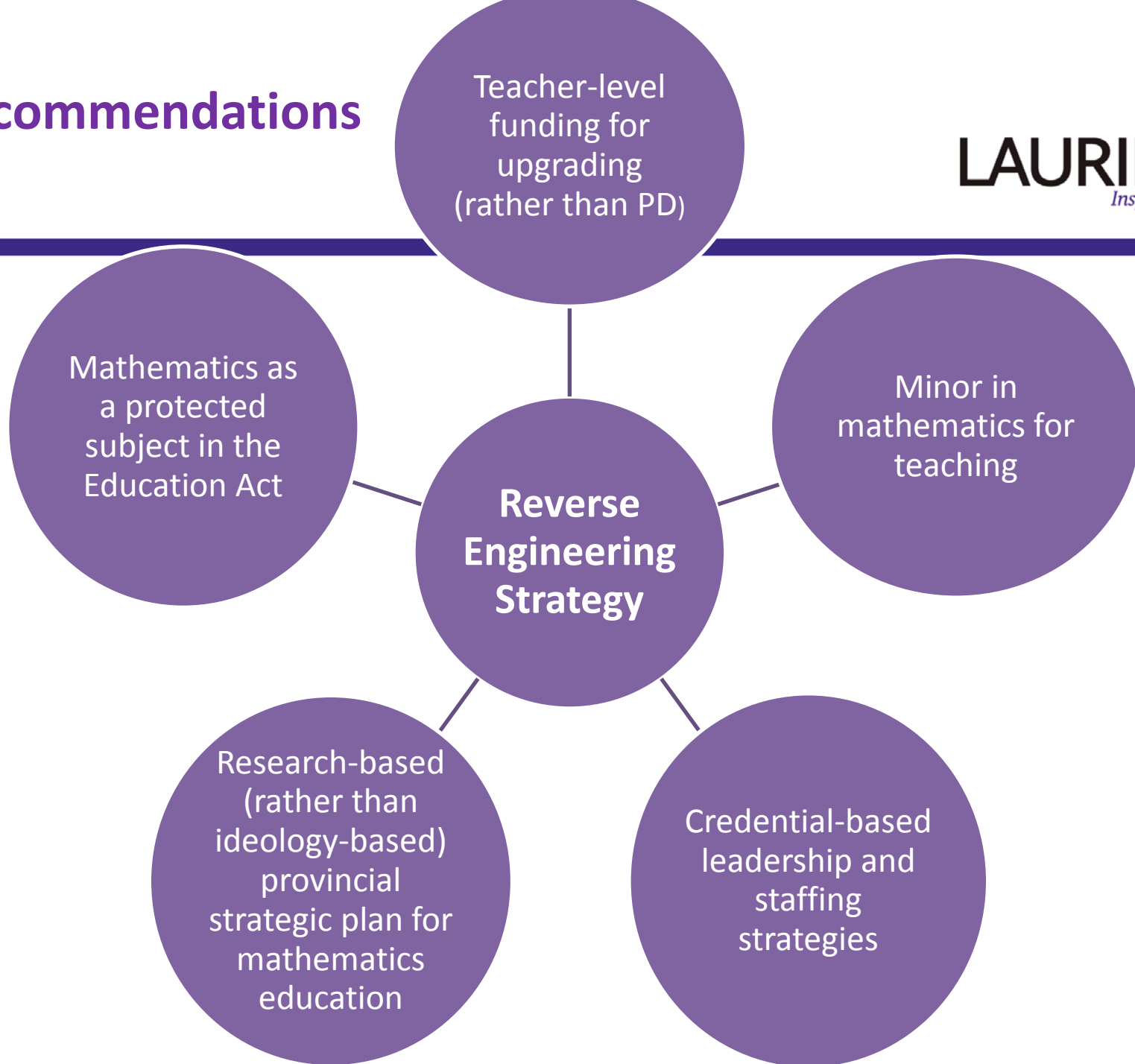
Additional qualifications <2%

Last year 3%

Source: OCT, 2012 Data, www.oct.ca

- **Passion and experience (“time in”) is not enough;**
- **Current PD models and ministry initiatives aimed at **reserve engineering** are showing through provincial results to be ineffective.**

Recommendations



In education, education **MUST matter.**

**The mathematics education of the
teacher **MUST** matter in order for it to
have an impact on student success.**

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