A mathematics educator’s apology

Abraham Arcavi
“It is a melancholy experience for a professional … to find himself writing about…”

(Hardy)
A mathematics educator’s apology
mathematics educator
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What kind of science is this, if at all?

• Young discipline
• Multiple foci
• Multiple perspectives
What kind of science is this, if at all?

- Observation of phenomena
- Relevant, challenging questions
- Imagination, creativity
- Designing/testing experiments
- Theories (describe, explain)
- Evidence (not on faith)
- Systematicity in reasoning
- Scrutiny by peers
- Recognition of failures
- Problematizing, complexifying
- Perseverance, passion
What kind of science is this at all?

• Breakthroughs?
• Embedded in culture
• Stability/permanence of results
• Replicability?
• Making predictions
• Common sense, reflection
• Maturity
“LET NOT HIM THAT GIRDETH ON HIS ARMOUR BOAST HIMSELF AS HE THAT PUTTETH IT OFF”

1 Kings 20:11
“LET NOT HIM THAT GIRDETH ON HIS ARMOUR BOAST HIMSELF AS HE THAT PUTTETH IT OFF”

1 Kings 20:11

אל יתהלל חגר כמפתח מלכים א"כ ג"י
“LET NOT HIM THAT GIRDETH ON HIS ARMOUR BOAST HIMSELF AS HE THAT PUTTETH IT OFF”

1 Kings 20:11
Projects of the mathematics education group.

- VIDEO-LM
- Integrated Math
- Learning communities
- Mesimatika
IMPACT
Long-lasting effect & far reaching influence
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Thank you very much!