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# 9th International Skills Forum Reimagining Education and Skills Development for a New Normal

23 August 2021 • 1–5 p.m. (Manila time)  
24 to 27 August 2021 • 2–6 p.m. (Manila time)

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# *Convergence of Psychology with Education: Growth Mindset*



# A classroom where students ...

- Believe they are capable of learning to a high level
- Are eager to embrace and master challenging material
- See struggle and mistakes as part of learning

# From Psychology to Education

- A growth mindset is the belief that intellectual abilities are not fixed, but can be developed.
- It's an idea that we developed and researched within psychology, but over time we turned our focus to education.

# Students' Growth Mindsets: An Example from Our Research

Teaching a growth mindset to students produced:

- An increase in grades for lower achievers
- An increase in advanced math courses (across achievement levels)

See Yeager et al. (2017), *Nature*.

# Students' Growth Mindsets: OECD/PISA

Students' growth mindset predicted:

- Higher achievement scores
- Greater well-being
- A greater boost in achievement for under-served or vulnerable students

See “Sky’s the Limit,” the OECD report on growth mindset.

# Teachers and Their Practices: An Example from Our Research

- Gain in grades where teacher practices supported students' growth mindset beliefs and behaviors

# Teachers and Their Practices: OECD/PISA

- Growth mindset predicted a greater boost in achievement when teachers:
  - showed an interest in all students' learning
  - taught a topic until all students understood it
  - provided individual help when a student had difficulty

# Classrooms where students...

- Believe they are all capable of learning to a high level
- Are eager to embrace and master challenging material
- See struggle and mistakes as part of learning
  
- What are the kinds of practices that create these classrooms?

Has there ever been a more important  
time?