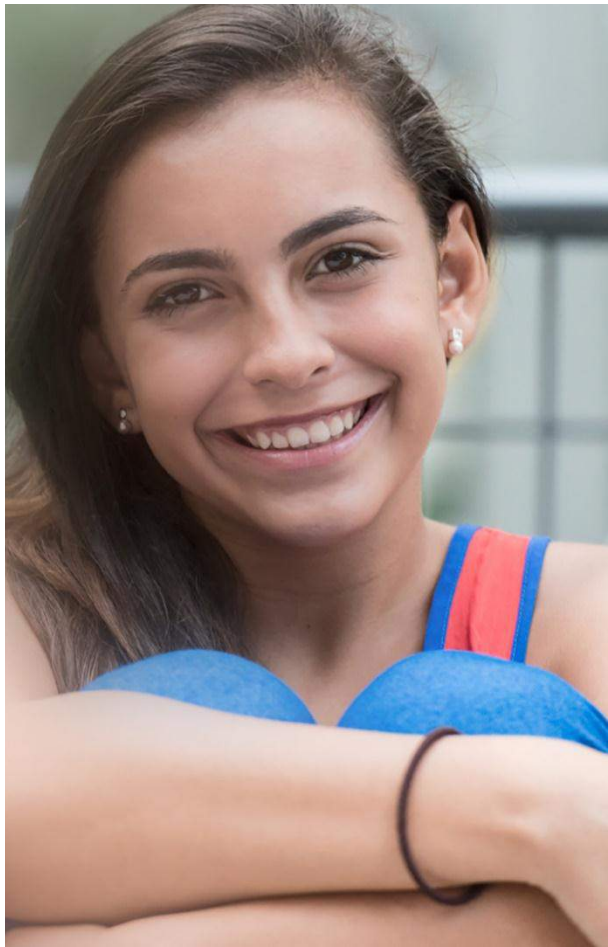
Microsoft
in Education

WE ARE PARTNERS IN LEARNING



Felicia Brown
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Asia Pacific Region
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Trends

1. The Need for Change
2. The Journey to Transformation
3. Skills for the Future
4. The Role of Technology

21st Century Learning

Personalized learning is at the foundation for everything we do

Blending formal and informal

Digital content revolution

Employability and readiness

Personalized learning

Skills for today's workforce

Insights into transformative teaching practices

Problem solving and innovation

Global awareness

Knowledge construction

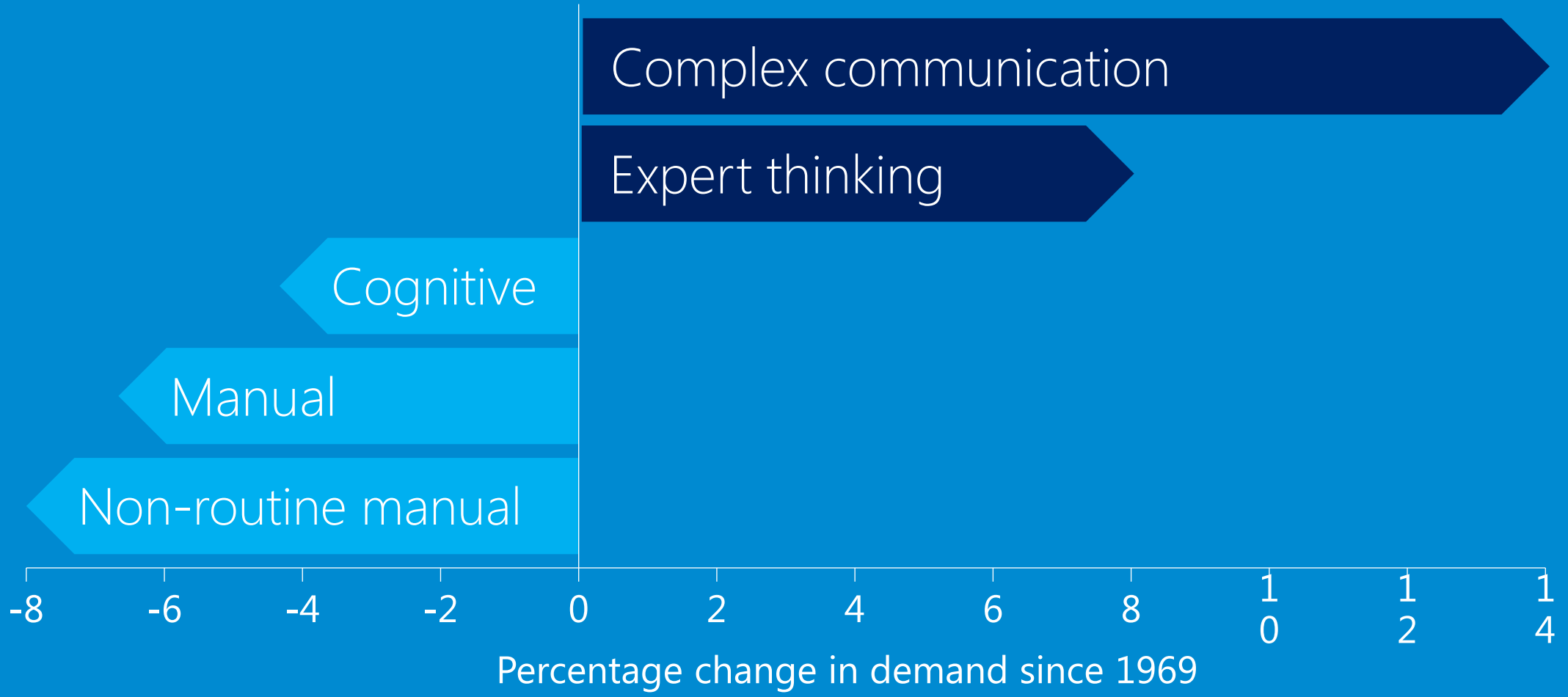
Skilled communication

Self-regulation and assessment

Collaboration

The changing demand on education

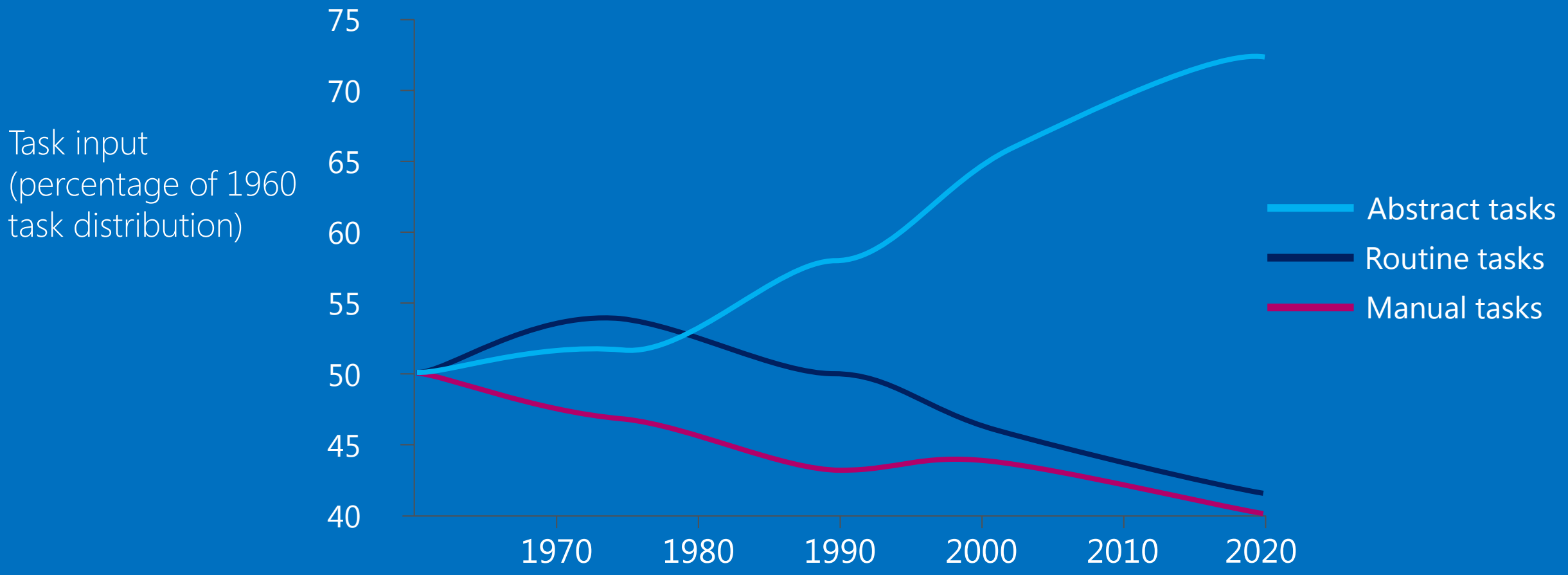
The skills required for today's economy



Source: How computerized work and globalization shape human skill demands. Levy and Murnane, 2005

Trends in job tasks

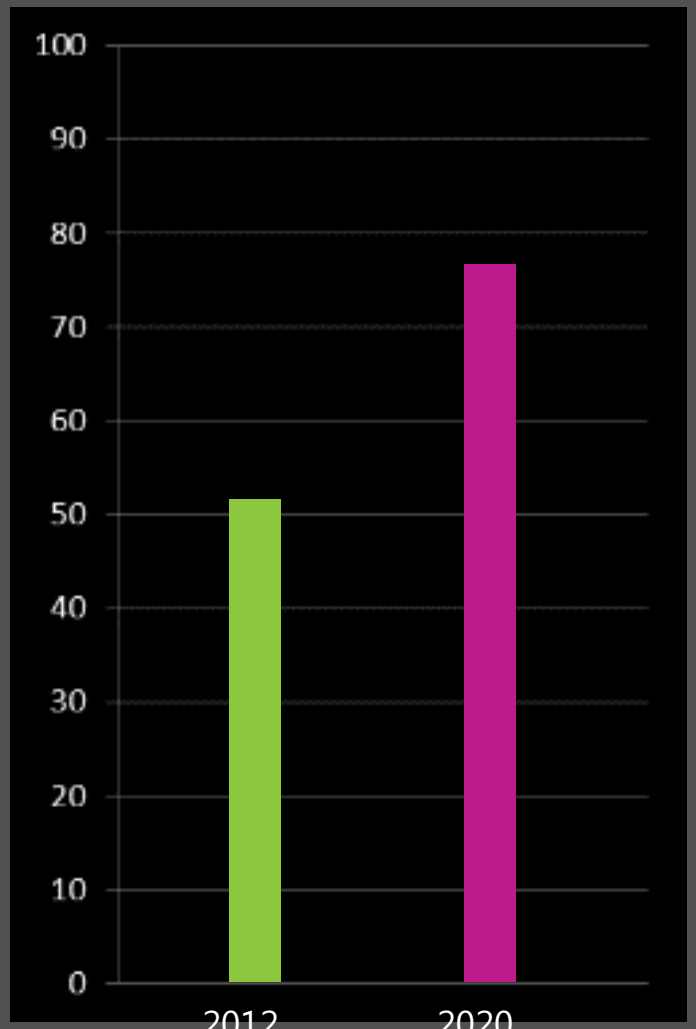
The skills required for success tomorrow



Source: The Changing Role of Education and Schools, Griffin et al, 2012

TECHNOLOGY SKILLS

2012 -2020



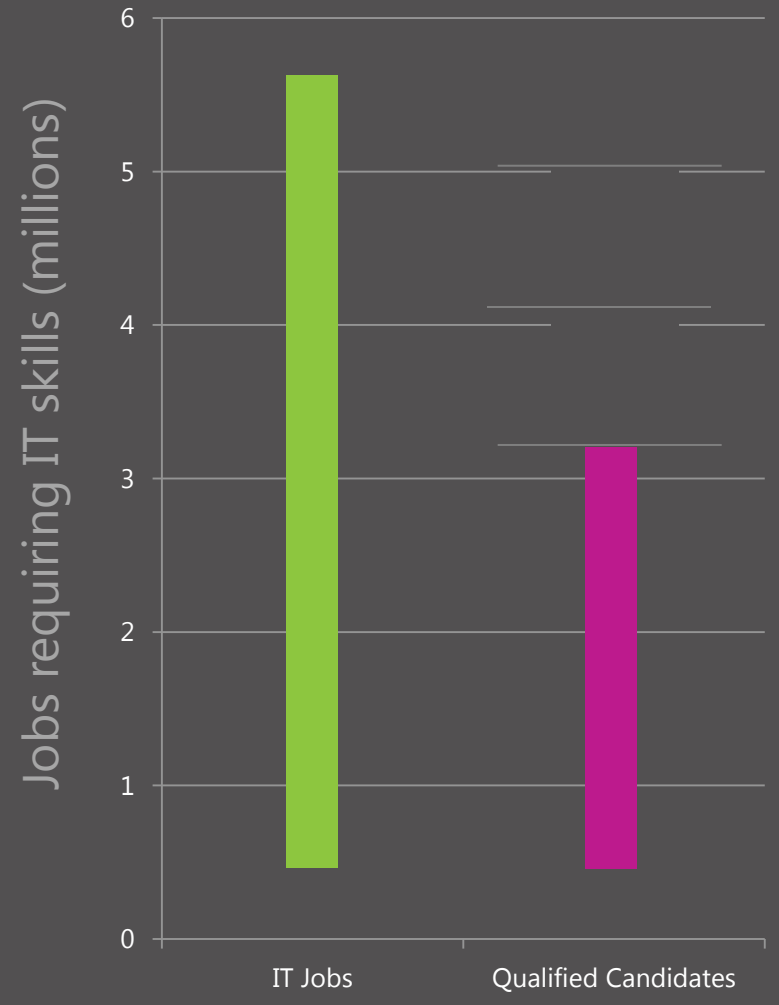
US Bureau of Labor Statistics

More than 50% of today's jobs require some technology skills, and experts say that percentage will increase to 77% in the next decade.

There are several studies that suggest there will be a significant gap in the next 5 to 10 years between the demand for and supply of IT professionals with the right technical skills.

IT SKILLS GAP

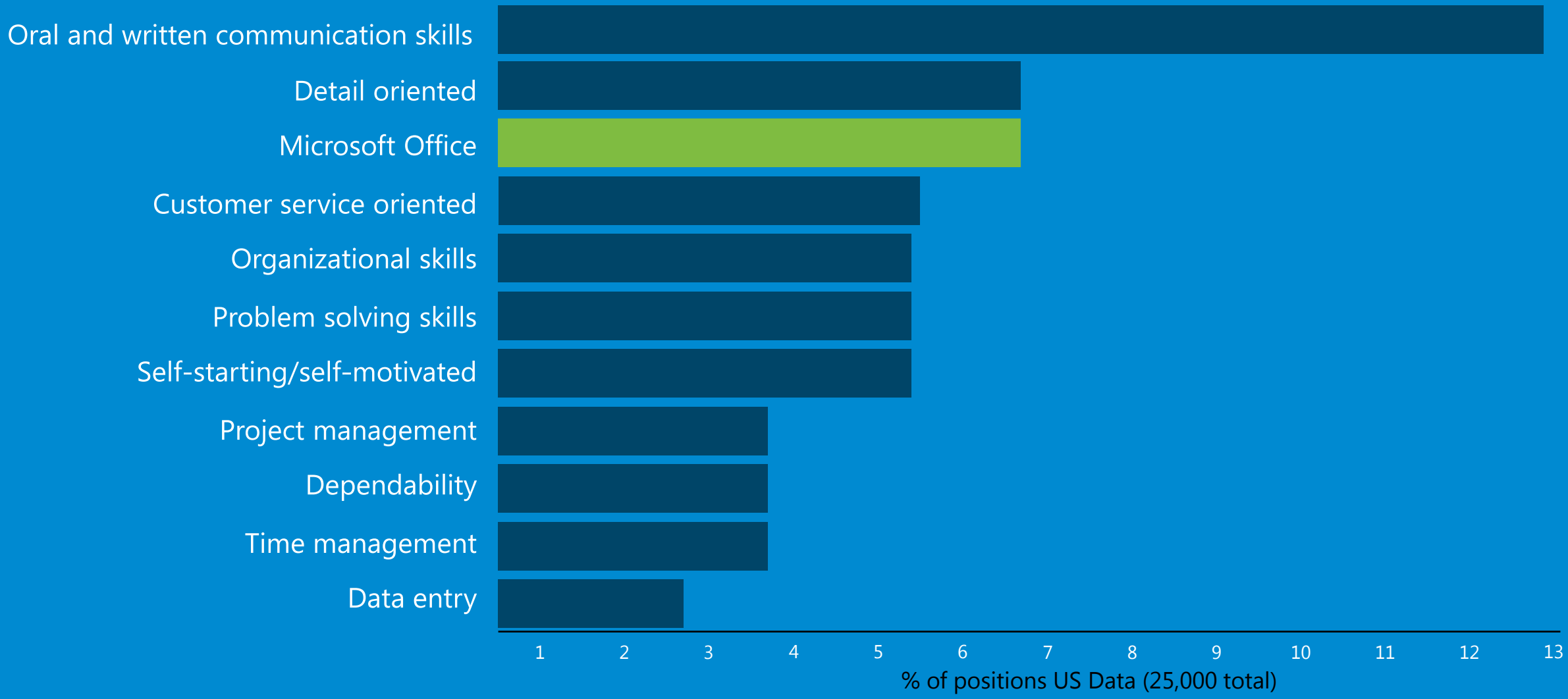
YEAR 2020



IDC Data

Skills Needed in the Economy Today?

SKILLS REQUIREMENTS FOR TOMORROW'S BEST JOBS –IDC Research, October 2013



LEARNING HAS CHANGED.

Your students are learning without you

2040

Innovative teaching is critical.

ATC21S
ASSESSMENT & TEACHING OF 21ST CENTURY SKILLS

Global Research into Driving 21st Century Skills

Ways of thinking

Tools for working

Ways of working

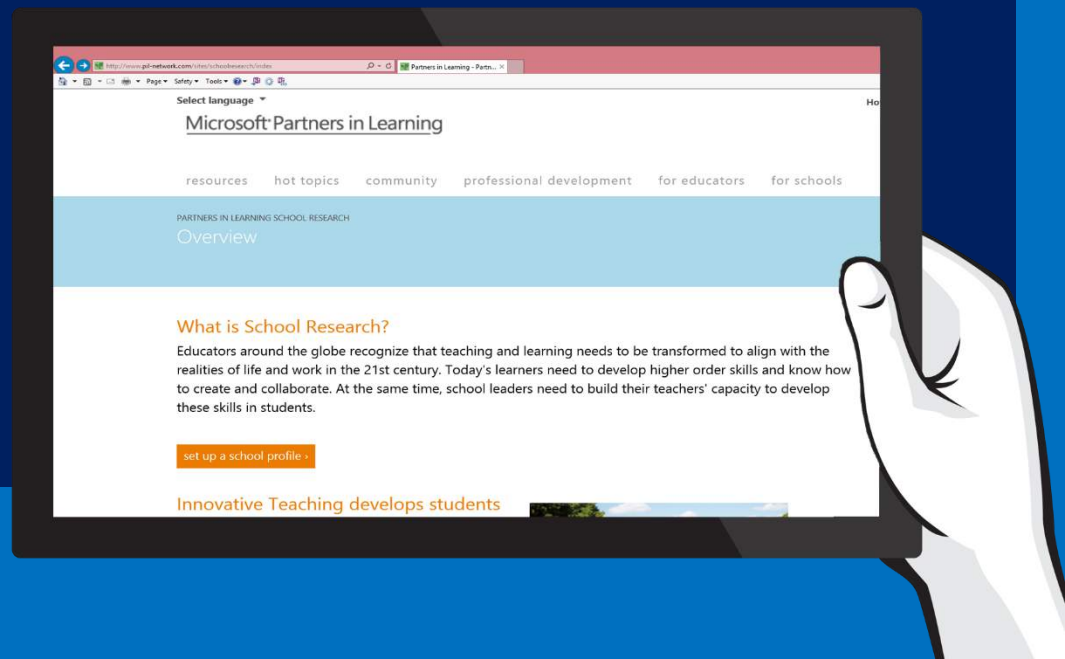
Ways of living in the world

Microsoft intel CISCO THE UNIVERSITY OF MELBOURNE

ITL Research

Insight into Innovative Teaching and Learning

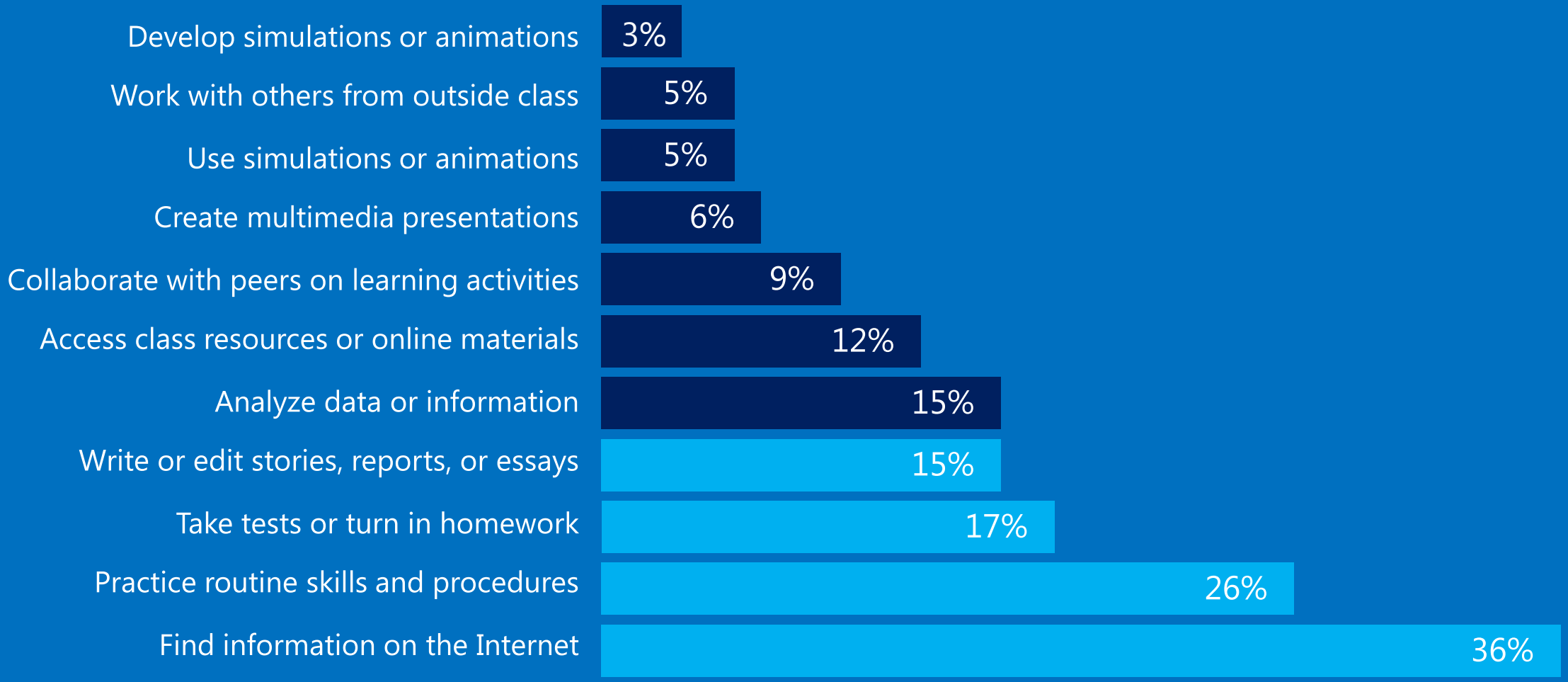
Microsoft



www.pilsr.com

ICT Uses For Class-Related Activity

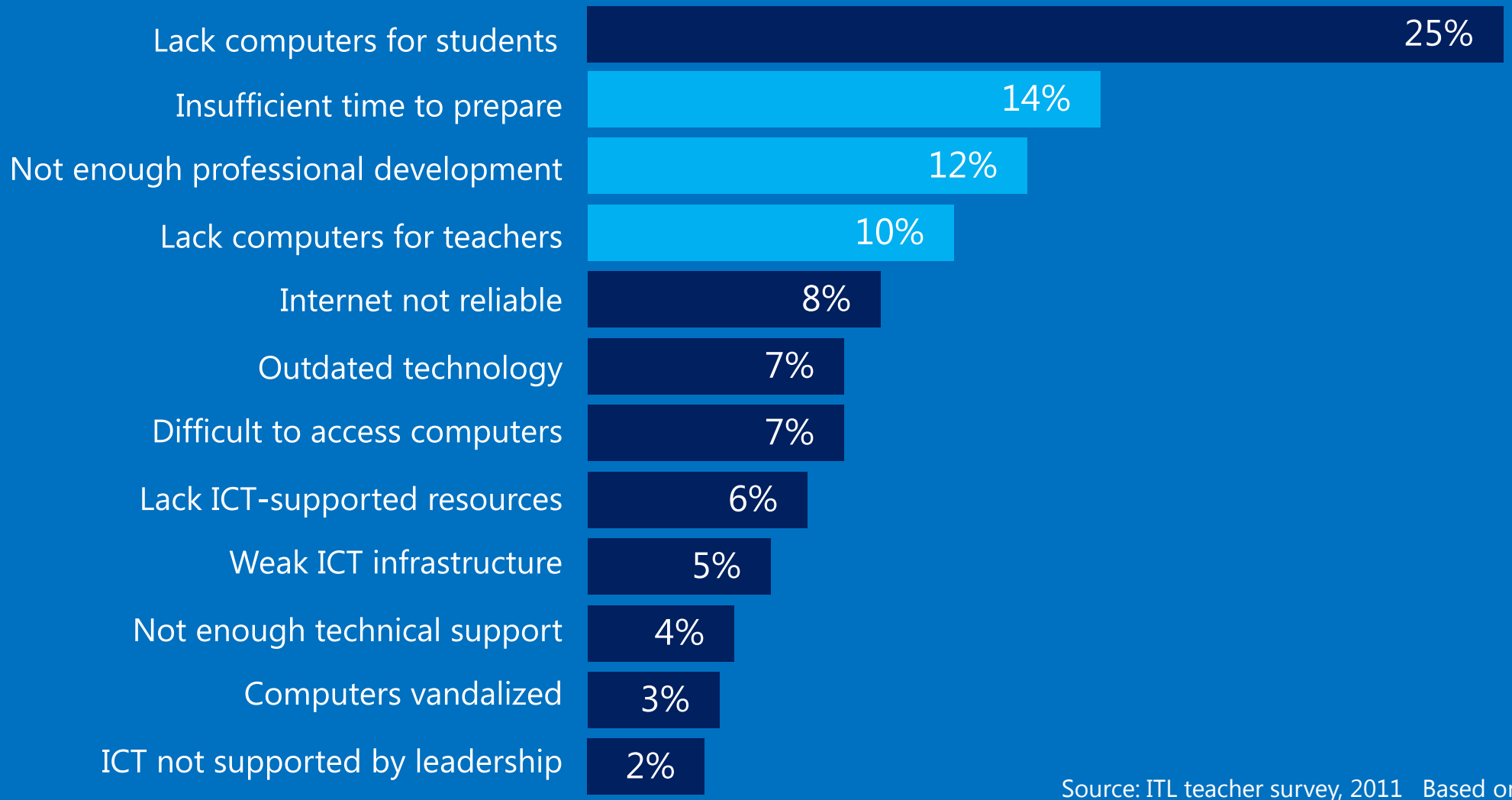
ITL Research Findings



Source: ITL teacher survey, 2011 Based on analysis by SRI International

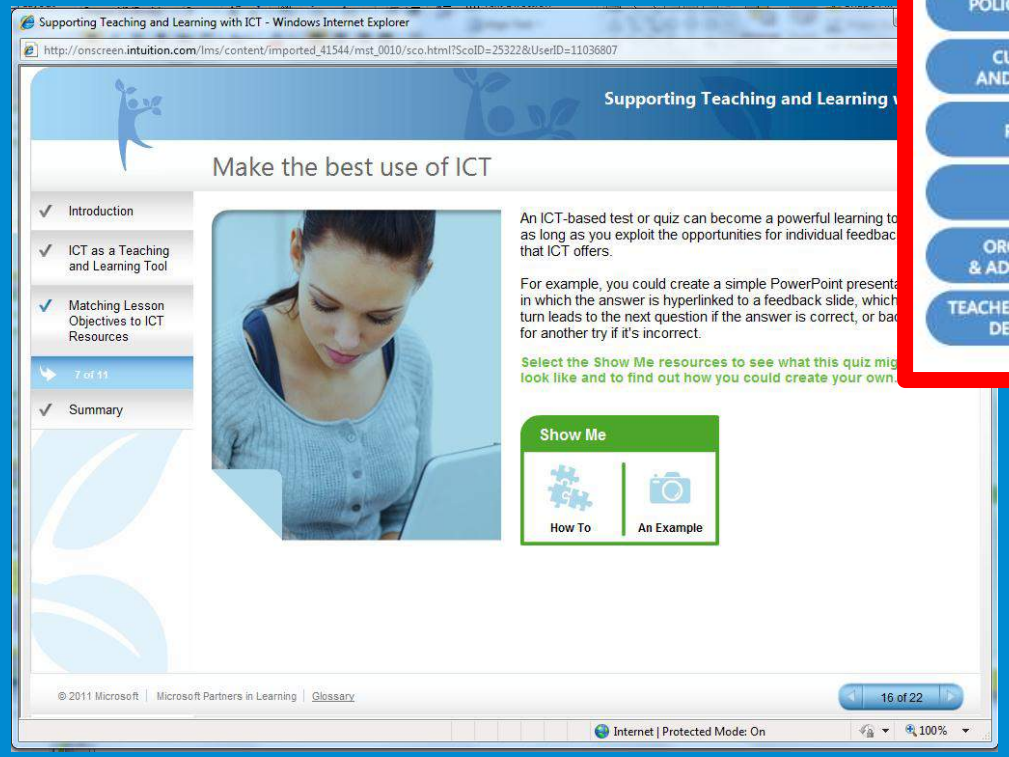
Why is ICT Integration So Hard?

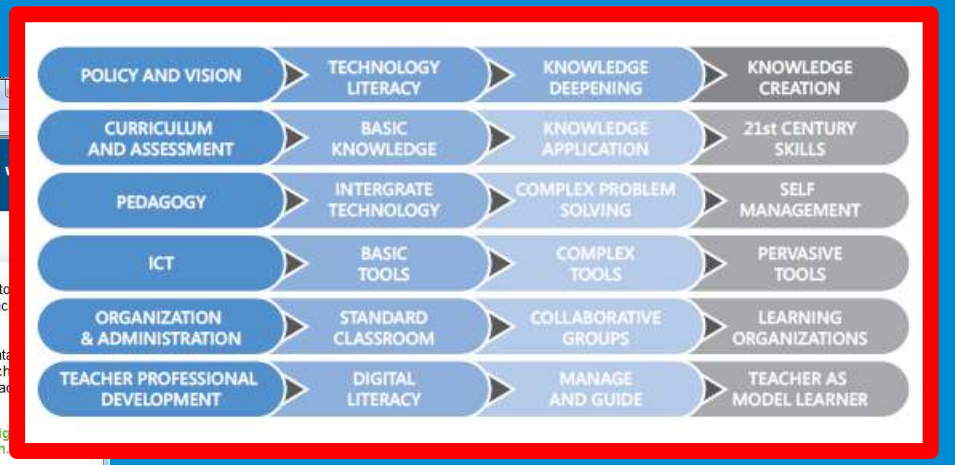
Most Significant Barriers – Cited by Teachers

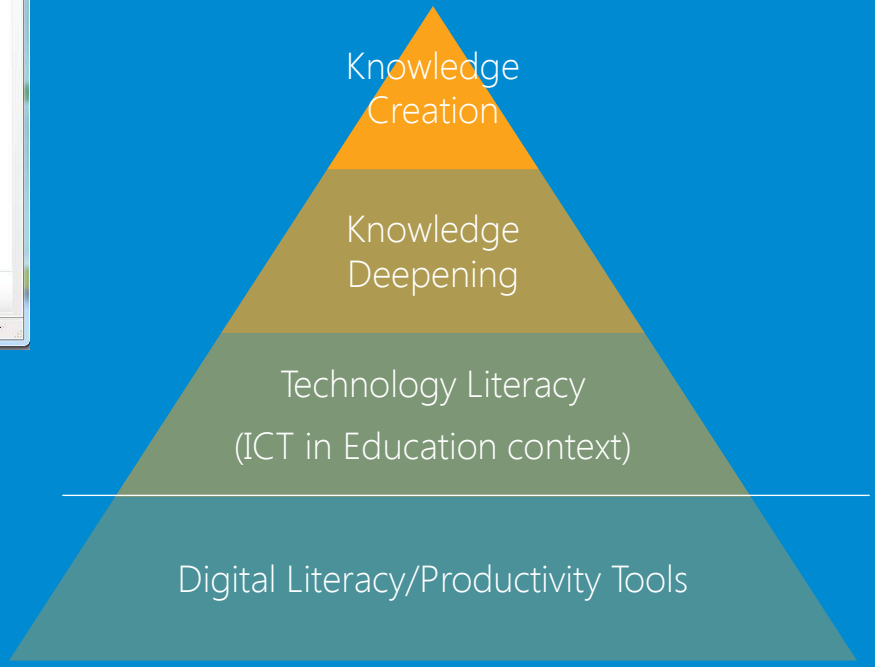


Source: ITL teacher survey, 2011 Based on analysis by SRI International

Educator competencies







UNESCO ICT Competency Framework for Teachers

What is TEI?

TEI is a workshop program designed to help college and university faculty improve their use of technology in their teaching and instruction. It assists educators to develop competencies that will enable them to plan systemically for the selection, utilization and evaluation of technology tools and resources in a pedagogically appropriate manner.

Workshop Focus Areas

- TPACK Framework
- UNESCO ICT Competencies
- 21CLD

Evaluation tools to assess TPACK and 21st Century Learning Design

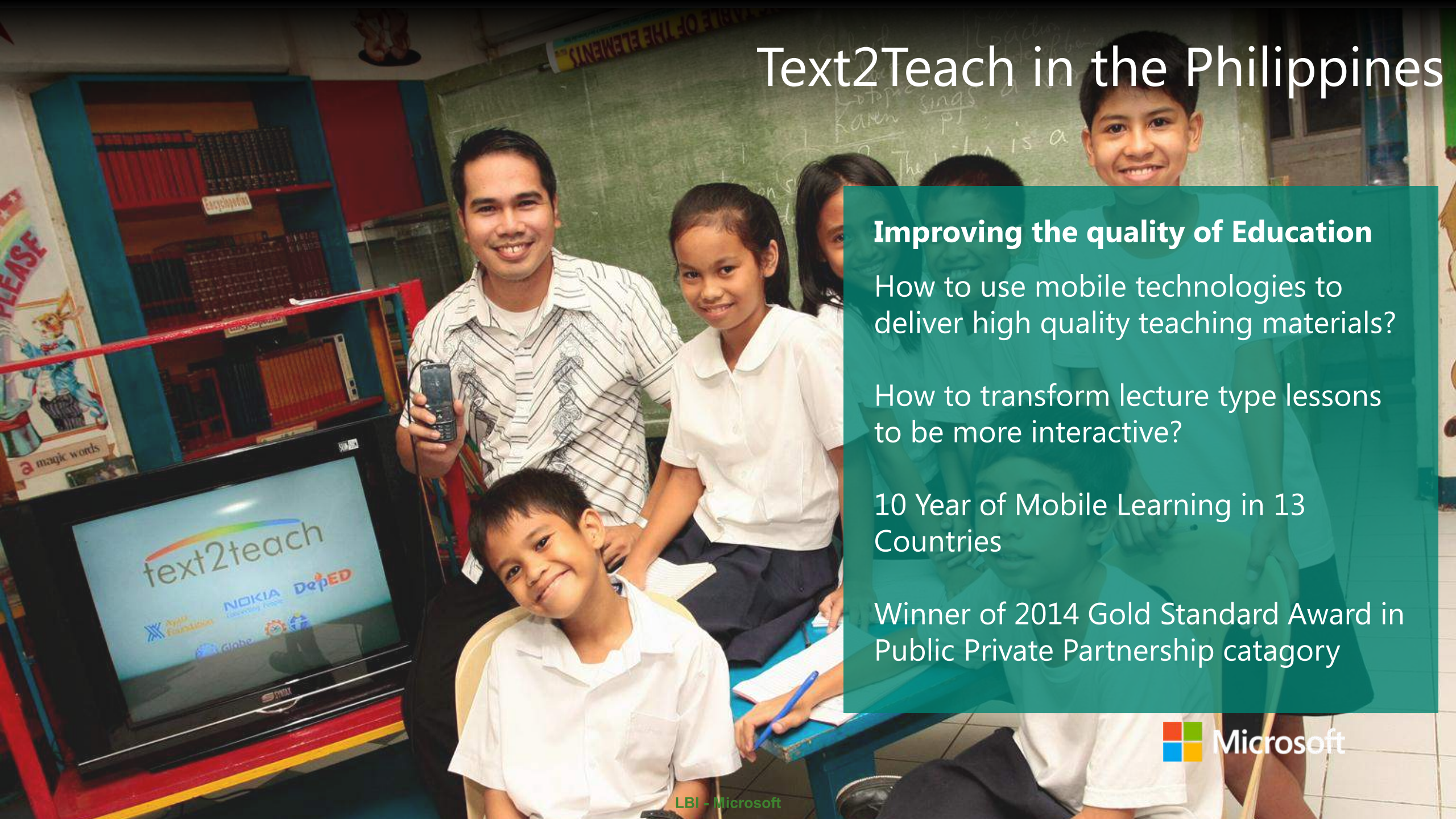
Technology Introduced:

OneNote, SkyDrive, Skype

Web applications,

Yammer, Office 365

Text2Teach in the Philippines



Improving the quality of Education

How to use mobile technologies to deliver high quality teaching materials?

How to transform lecture type lessons to be more interactive?

10 Year of Mobile Learning in 13 Countries

Winner of 2014 Gold Standard Award in Public Private Partnership catagory

Microsoft

Global Literacy Professional Development Network

Improving the quality of Professional Development

Indonesia: Videos of effective classroom practice and coaching materials being delivered to Literacy Coaches on 19 provinces.

Bangladesh: Teacher training materials, videos of effective classroom practice, and training/coaching materials being delivered to rural primary literacy teachers.

Winner of 2013 Gold Standard Award in Corporate Citizenship

Microsoft

Building Further Insight…

Michael Fullan

System Change

Microsoft

Promethean

intel

Private Sector Partnership

Collaborative impact

Partnership Management

BRITISH COUNCIL

European Schoolnet

Learning Partners

Microsoft
Our Vision
Anytime, anywhere learning
for all

thank you.