

Africa Special on 21st Century Competencies: Skills & Innovation for Job Creation

# Skills For Innovation

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Our purpose  
is to create world-changing technology that  
enriches the lives of every person on earth

# Making a positive impact on society, business, planet

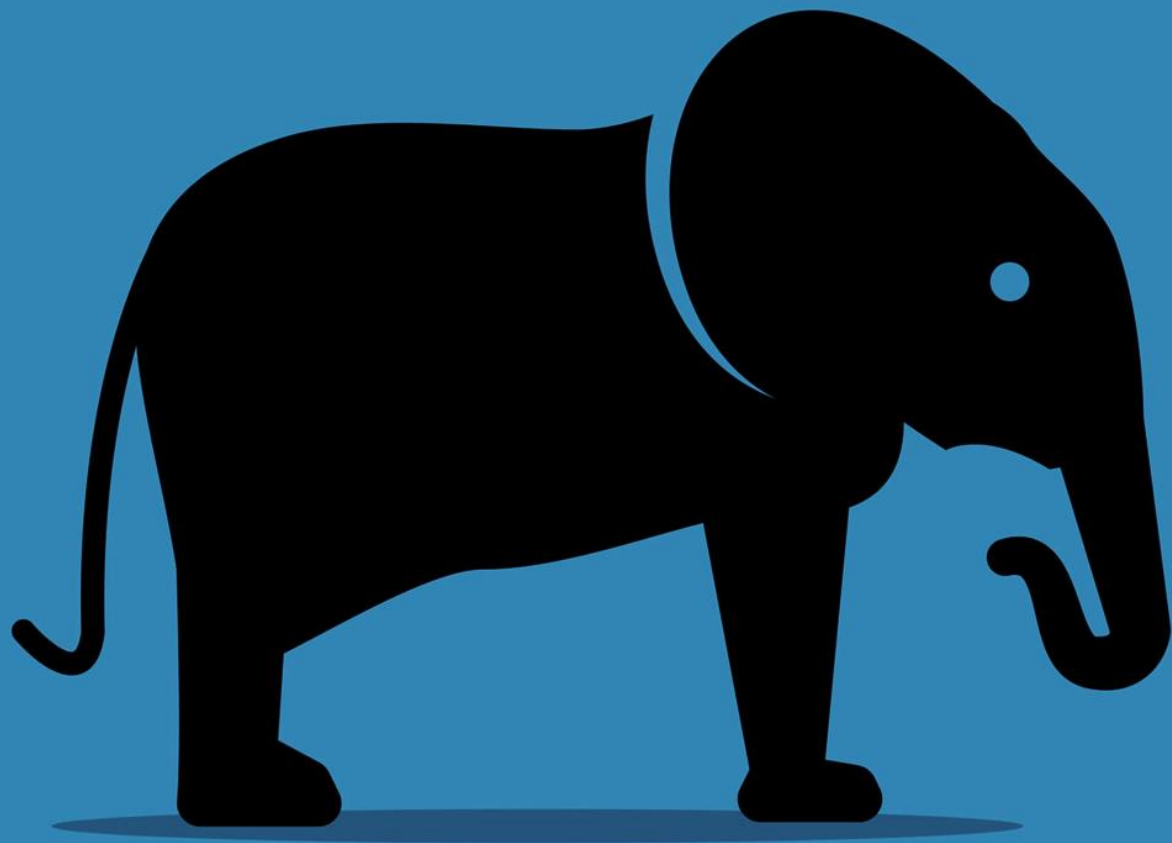


# Education in COVID-19 Crisis



The time for authentic, engaging, seamless, anytime-anywhere learning has come.

What will Intel do to provide an equitable environment for all learners, and ensure that technology enables the greatest positive change in human history for our worldwide education system?





We cannot teach our kids to compete with the machines who are smarter – we have to teach our kids something unique. In this way, 30 years later, kids will have a chance.

**JACK MA,**  
former head of Alibaba speaking  
to 2018 World Economic Forum





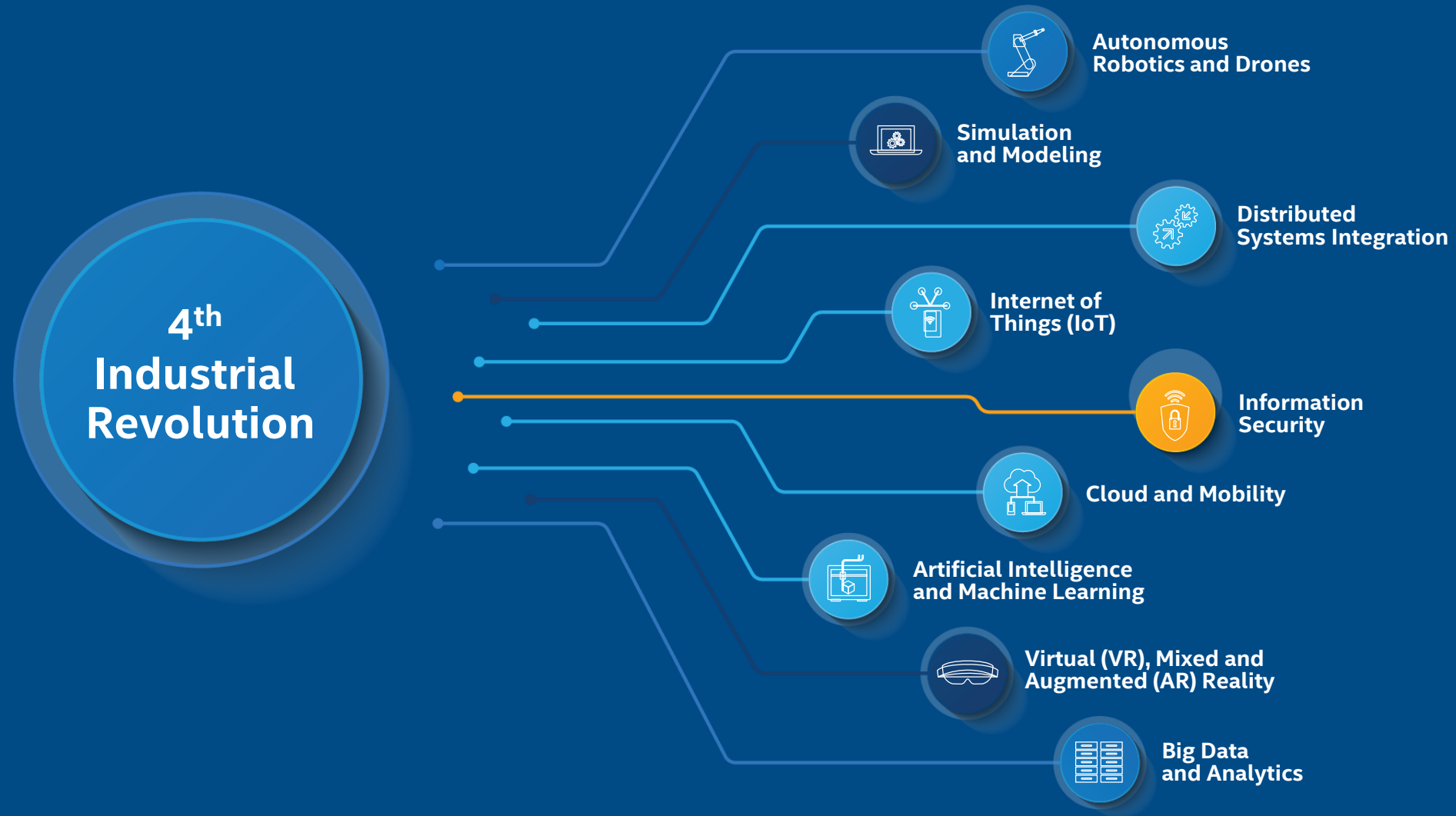


NEW INTEL® EDUCATION VISION

# “SKILLS FOR INNOVATION”

**Empowering the Next Generation of Innovators**

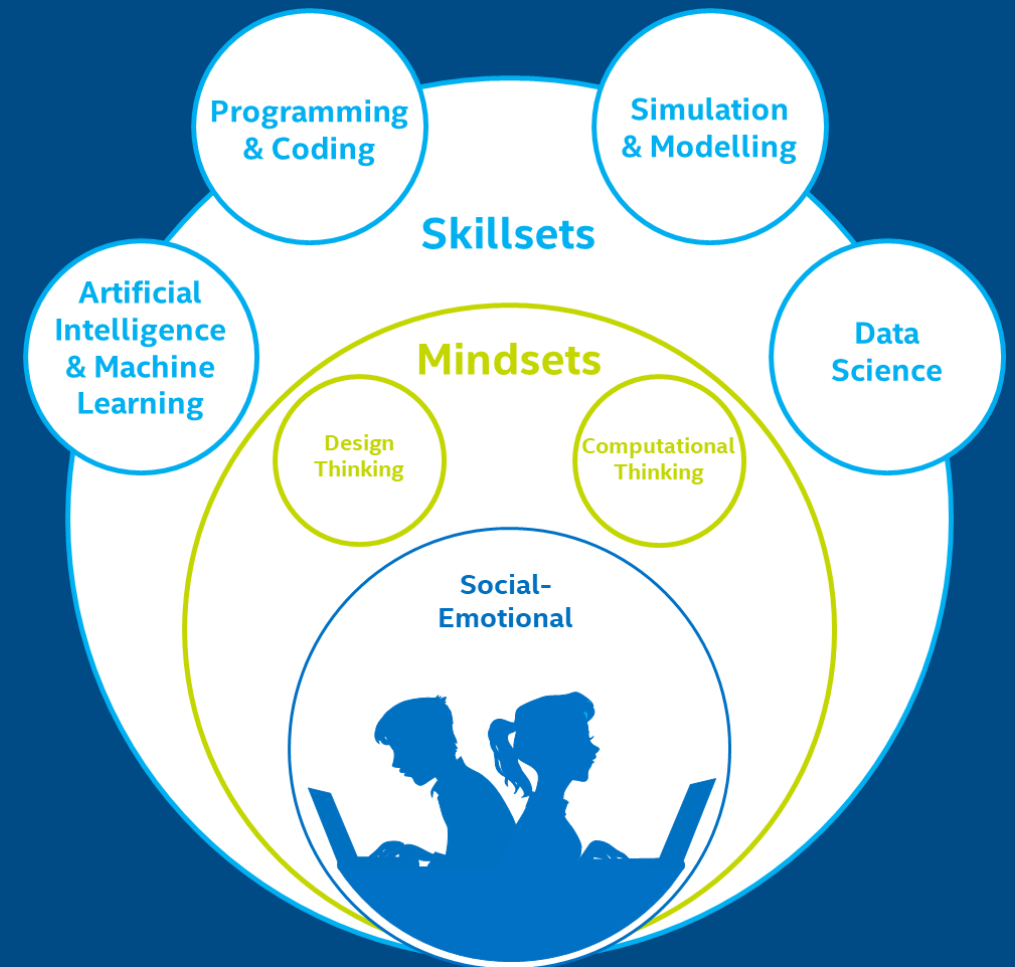
# 4<sup>th</sup> Industrial Revolution



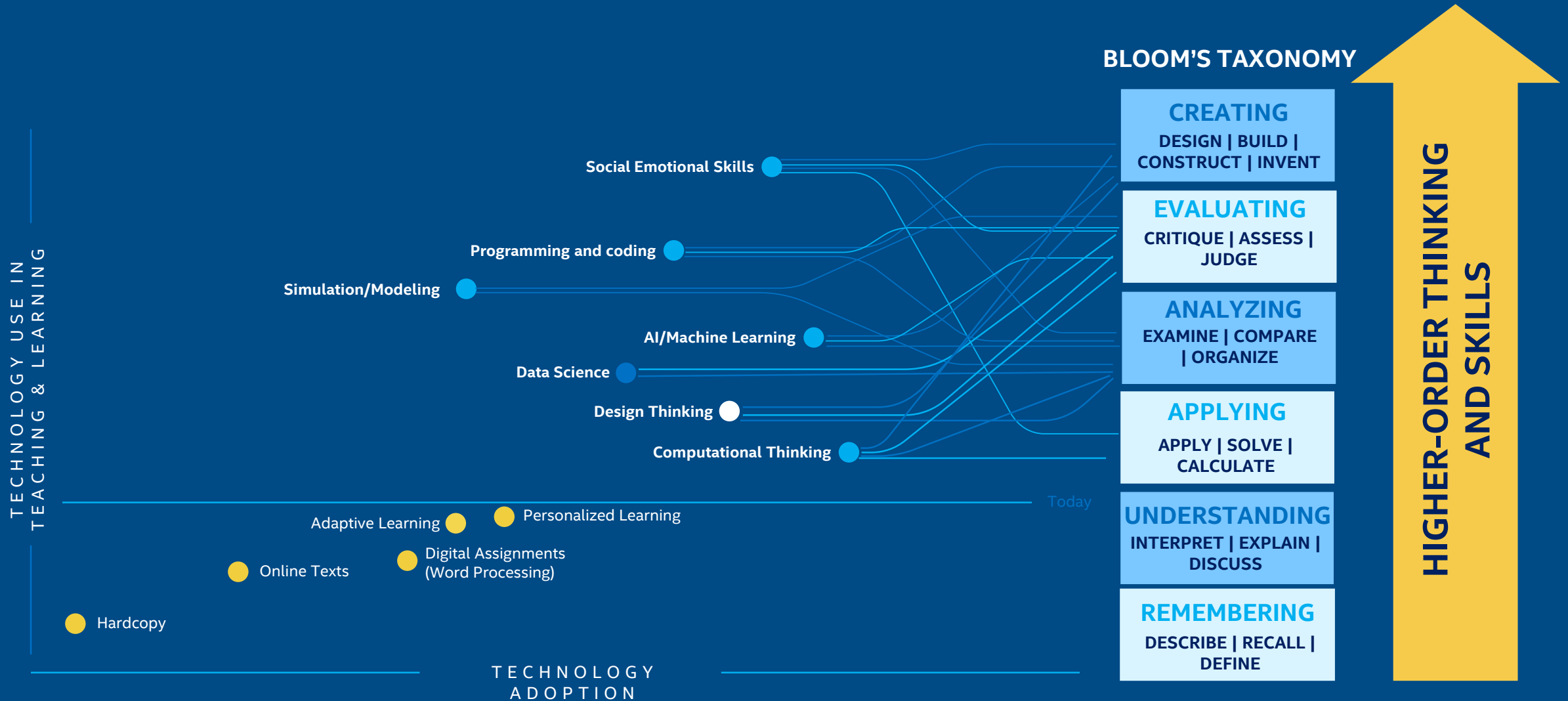


# Skill areas under focus






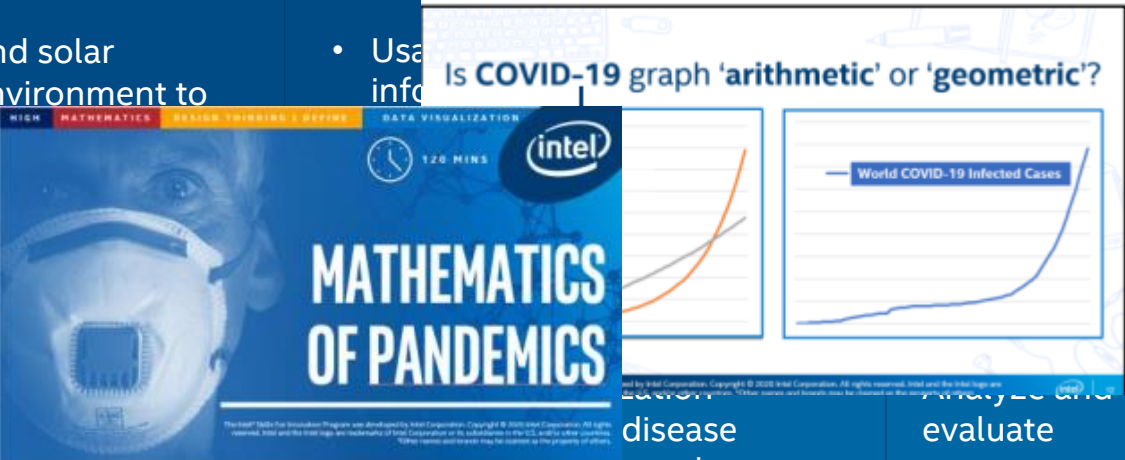
- Intel's Skills for Innovation approach is based on a model of necessary skills for student success in the 'new collar,' industry 4.0 economy.
- List of skills is not exhaustive but is to be considered as a starting point.



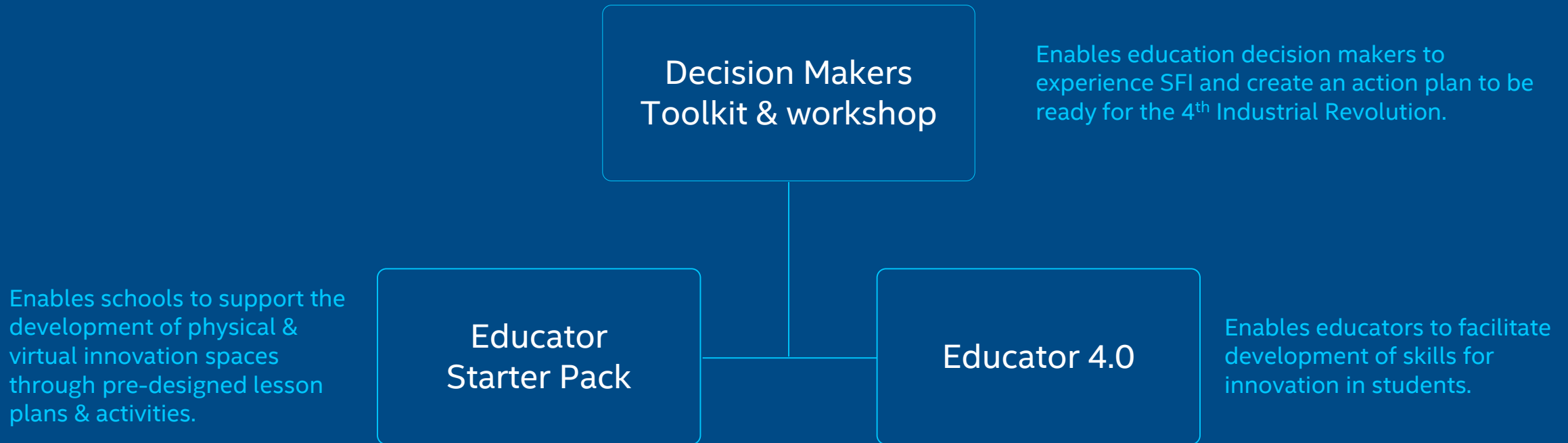
# Technology-Enabled Learning Skills Development



# INTEGRATE SKILL BUILDING ACTIVITIES INTO TEACHING & LEARNING

<div>  </div> <div>LEVEL</div>	<div>  </div> <div>SUBJECT</div>	<div>  </div> <div>LEARNING EXPERIENCES</div>	<div>  </div> <div>TECHNOLOGY USAGE</div>	<div>  </div> <div>COGNITIVE OUTCOMES</div>
HIGH SCHOOL	STEM	<ul style="list-style-type: none"> <li>Model rooftop availability and solar coverage across an urban environment to identify possible location sites.</li> <li>Create rooftop farm prototype to withstand wind-loading.</li> </ul>	<div>  </div>	
MIDDLE SCHOOL	Humanities	Modelling of virulence and spread of epidemics (Spanish Flu, SARS, etc.) and study historical impact.	Use of data visualization tools to analyze and contrast models to compare and contrast.	analyze and evaluate
PRIMARY SCHOOL	Language	Create an advertisement to invite your friends to ride in your roller coaster	Green screen video recording, video editing, audio transcription and online publishing tools.	Evaluate and create

# Skills For Innovation Resources



Allows decision makers and educators to understand, experience, and implement SFI vision

Reach out to us through  
Africa Brains!

