

Horizon Scanning 2040

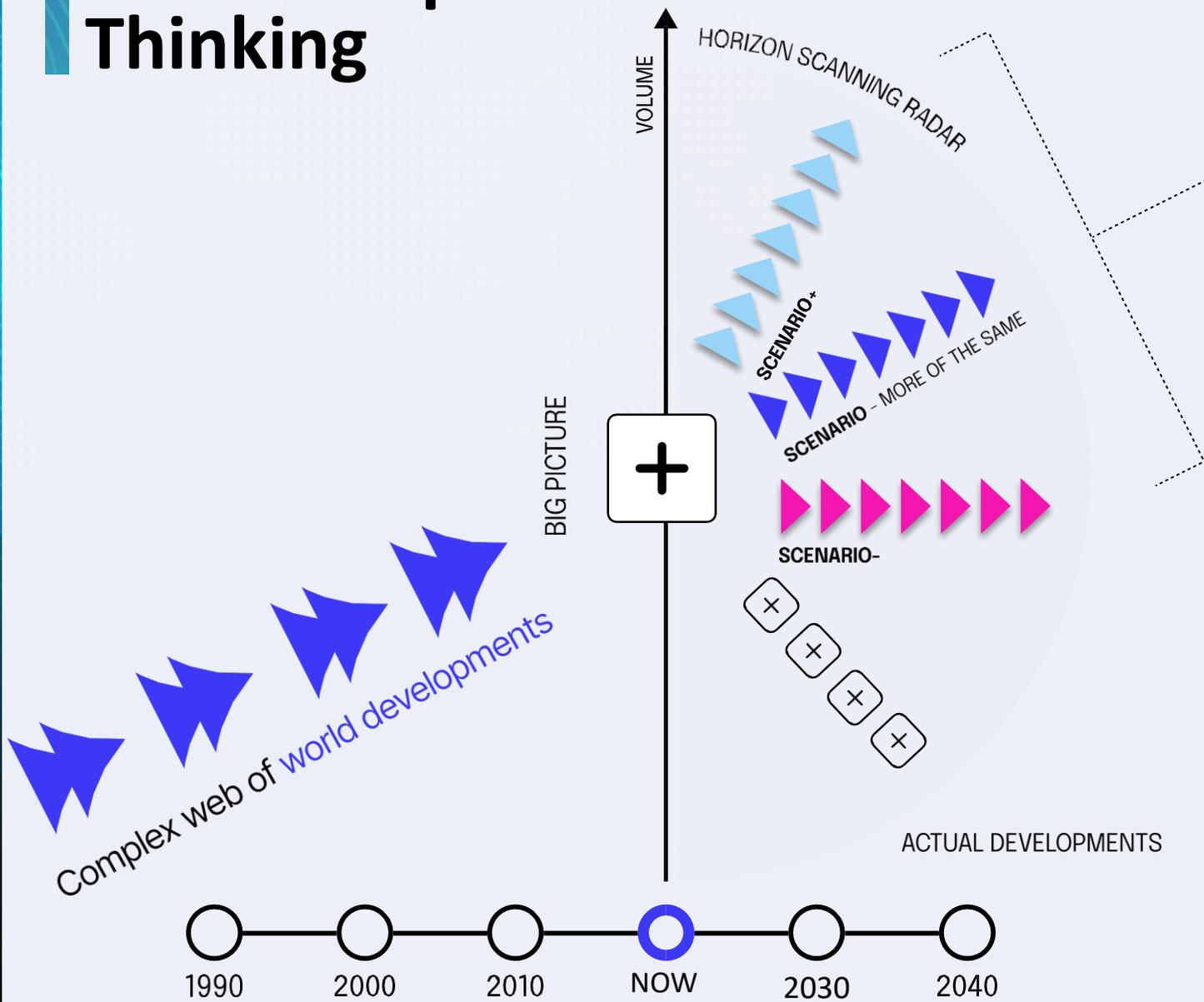
Future Trends for Education

Dr. Victor Israel





Facilitating Policymakers' Future-inspired Thinking





THE “HORIZON SCANNING” DOMAINS



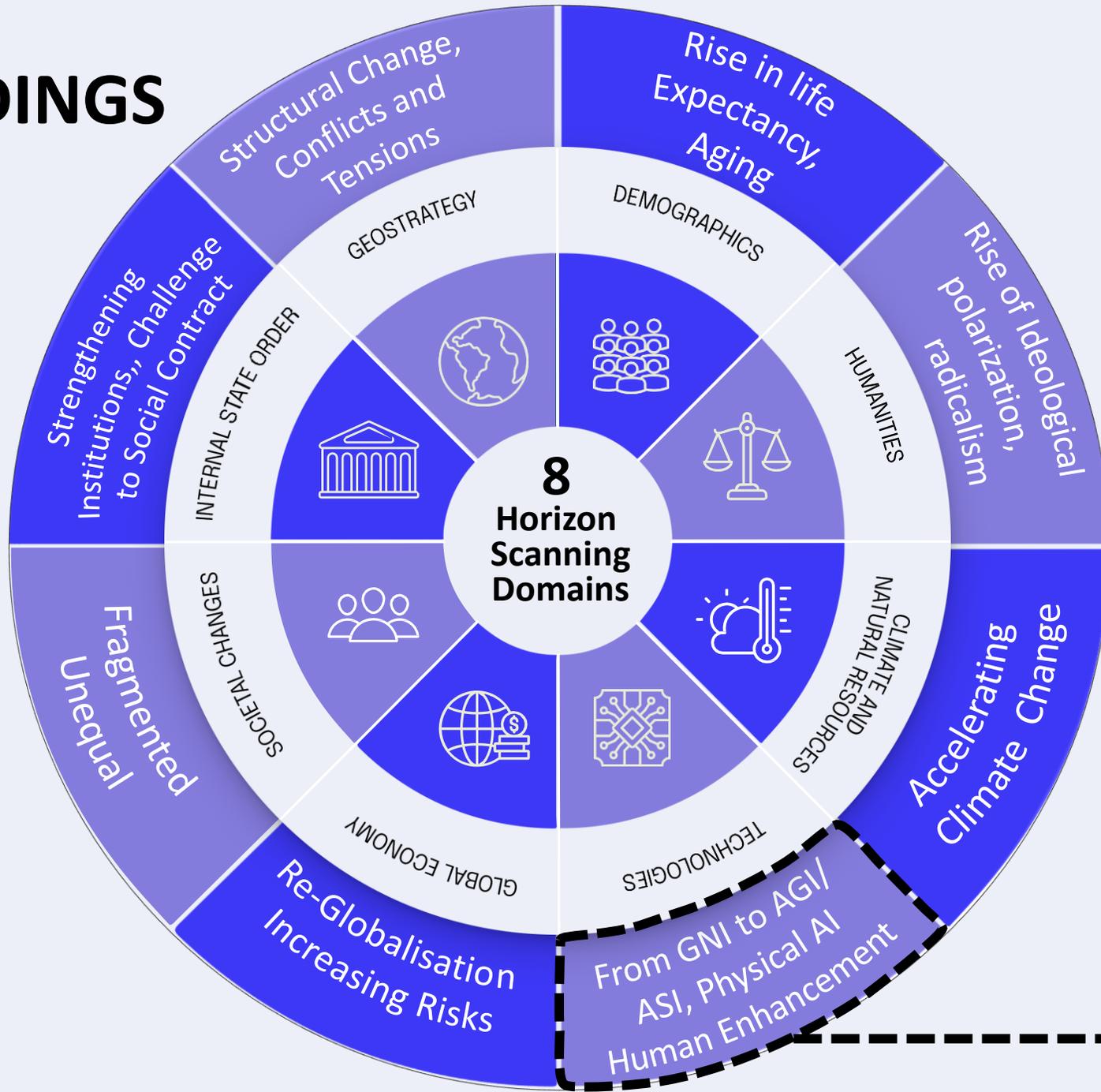
FOCUS ON MEGATRENDS

Continuous global development vectors whose impact spans various fields and domains shaping our world and future.

IDENTIFICATION OF EMERGING TRENDS.



OUR KEY FINDINGS 2040



Mega Disrupt

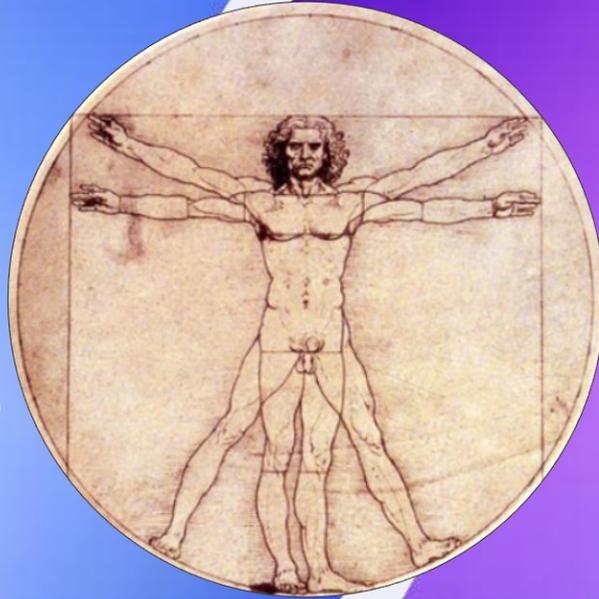


From GNI to AGI/ ASI, Physical AI Human Enhancement

'Good-Old One' Human-Centered Civilization

Material-Physical-Ecological

Ultimate
Apex
Predator

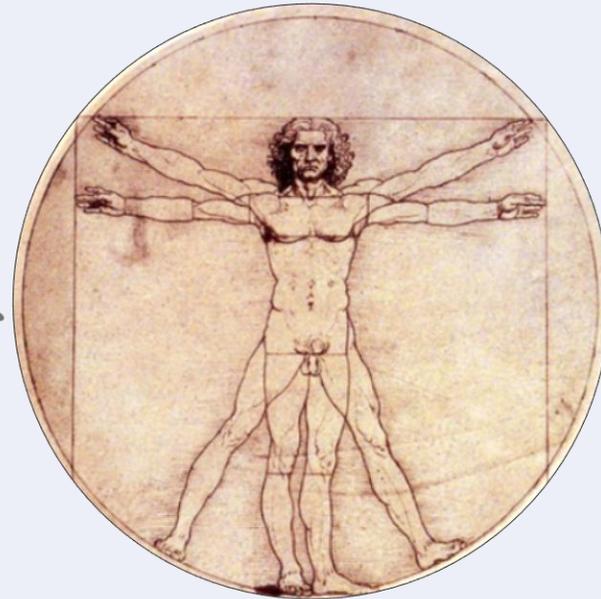


In His
image &
likeness

Meaning-Morality-Self-Perception

Humanity Under Emerging Civilizational Risk

**Digital becomes
Physical and
Embodied**



**First ever challenge
to human cognitive
superiority**

**AI threatens to oust humans from their civilizational dominance.
Traditional 'Education' allows only incremental skill upgrades and it
is not capable of mitigating this radical new world.**

The Future of Work

THE NEXT GENERATION OF U.S. MILLIONAIRES
WILL BE PLUMBERS & ELECTRICIANS
- Jensen Huang, Nvidia CEO -



AI WILL NOT ONLY MAKE JOBS
EASIER, BUT IT WILL LEAD
TO THE CREATION
OF NEW TYPES OF
JOBS THAT WE CAN'T
EVEN IMAGINE TODAY
- Sundar Pichai, Alphabet CEO -



Cursed is the
ground because of
you; through painful
toil you will eat from
it all the days of
your life.

- Genesis 3:17 -



AI AND ROBOTS WILL REPLACE ALL JOBS. WORKING
WILL BE OPTIONAL, LIKE GROWING YOUR OWN VEGETABLES

- Elon Musk, Tesla CEO -

Work no longer defines:
Self-actualization,
personal development,
livelihood,
identity,
meaning and purpose,
structure and routine social interaction & enjoyment.

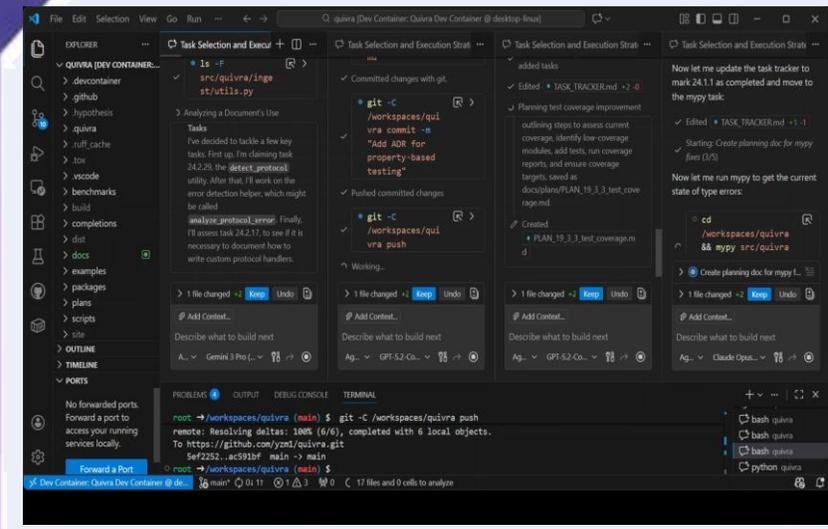


New Relevant Curriculum Core



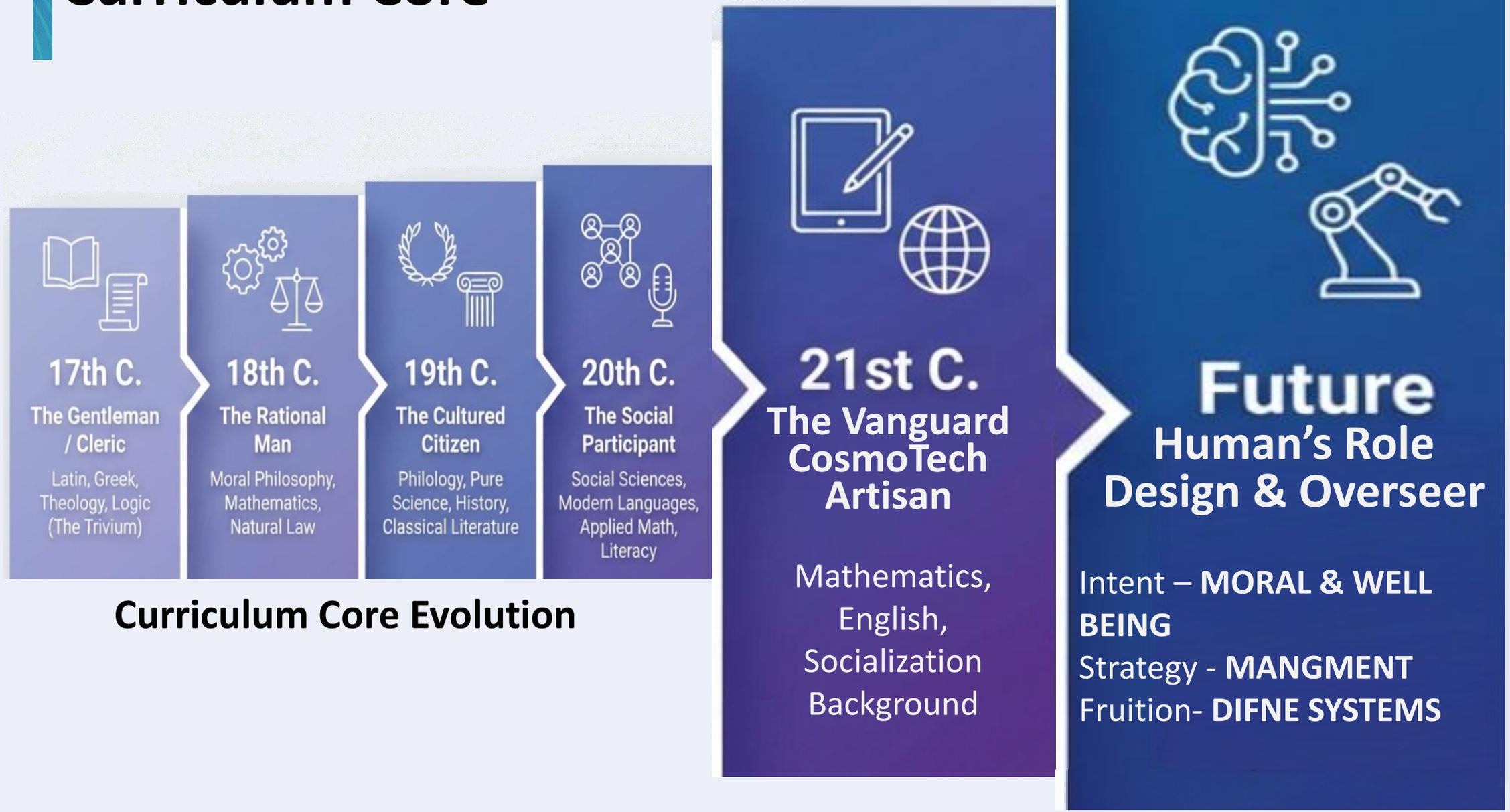
Curriculum Core Evolution

Breaking the language barrier



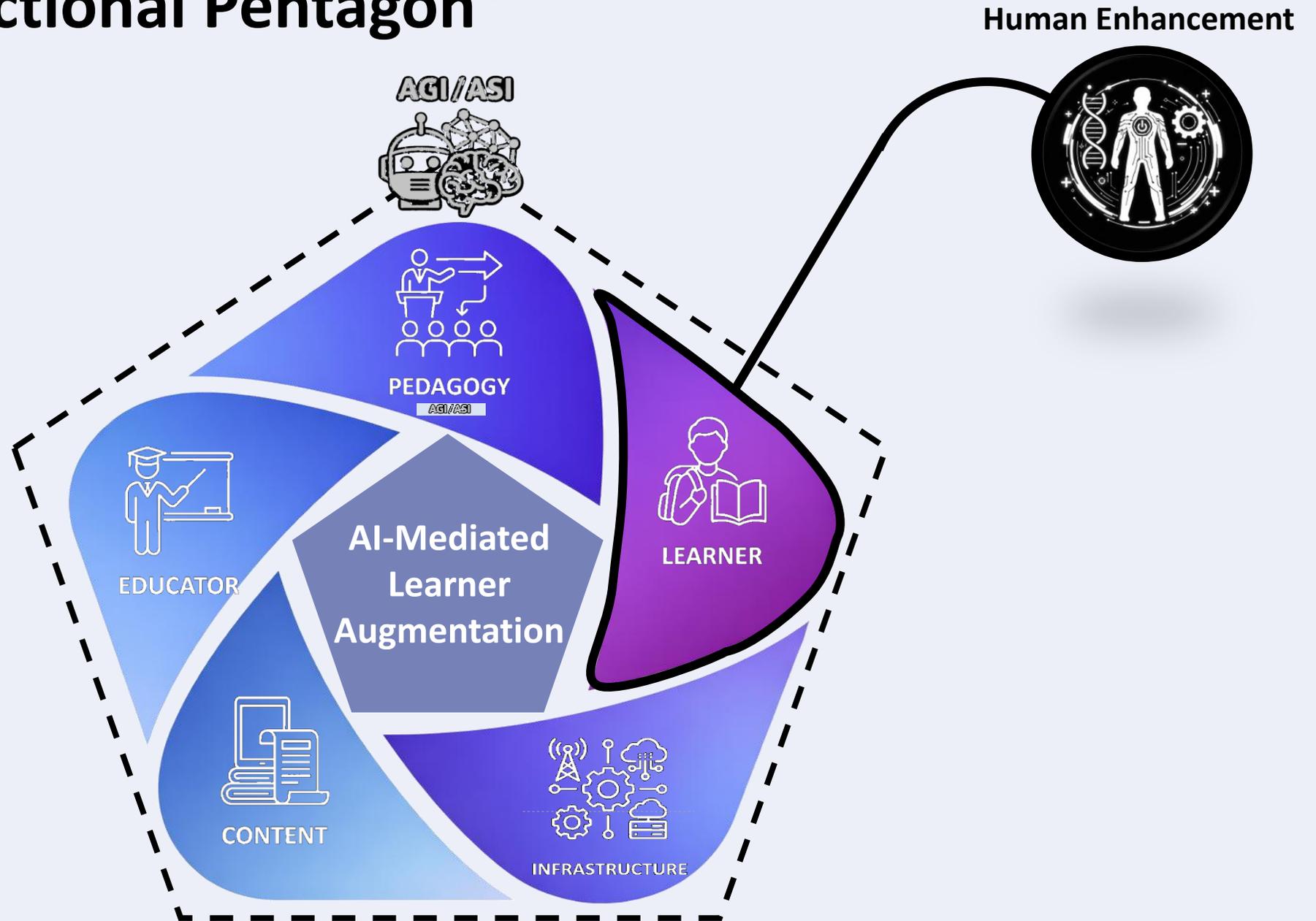
Instruction instead of calculation

New Relevant Curriculum Core



Curriculum Core Evolution

Paradigmatic Change to “The Instructional Pentagon”

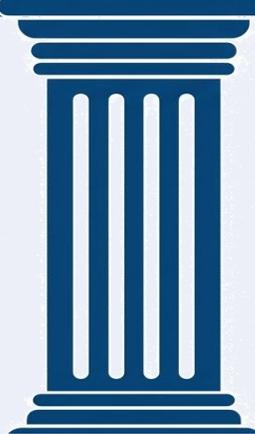




4 PILLARS OF LEARNING

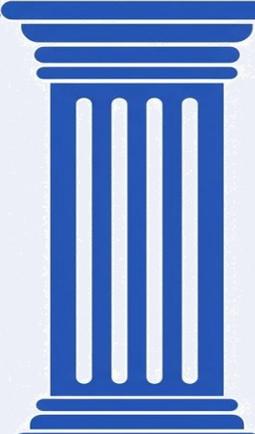
(Delors' Report on Education, UNESCO, 1996)

LEARNING TO
KNOW



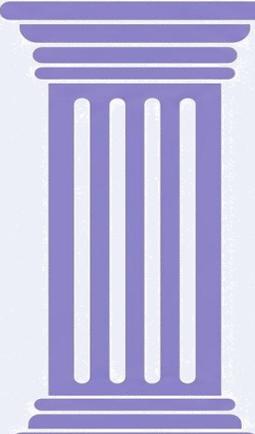
Meta-learning: "Learning to learn" - learn new skills or adapt to new environments quickly

LEARNING TO
DO



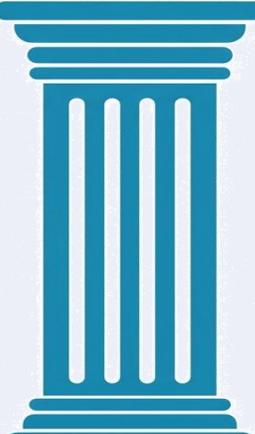
Vocational skills necessary to carry out a job - includes digital competence, problem-solving abilities, communication, teamwork, and innovation

LEARNING TO
BE



Development of the human potential to its fullest - social emotional skills, self-awareness, self-management, social awareness, relationship skills, and responsible decision making

LEARNING TO
LIVE TOGETHER



The need to develop an understanding of others, of their history, their traditions, and their spirituality

TO KNOW HOW TO
MAXIMIZE AI BENEFITS

TO DO AS EXCLUSIVE
HUMAN ADVANTAGE

TO BE HUMAN
WHEN AI AROUND

TO LIVE TOGETHER
WITH BOTS

AI Era