

Skills for a New and Transforming Economy Responses



Georgette Yakman
 World Skills Conference
 Abu Dhabi – 17 Oct 2017

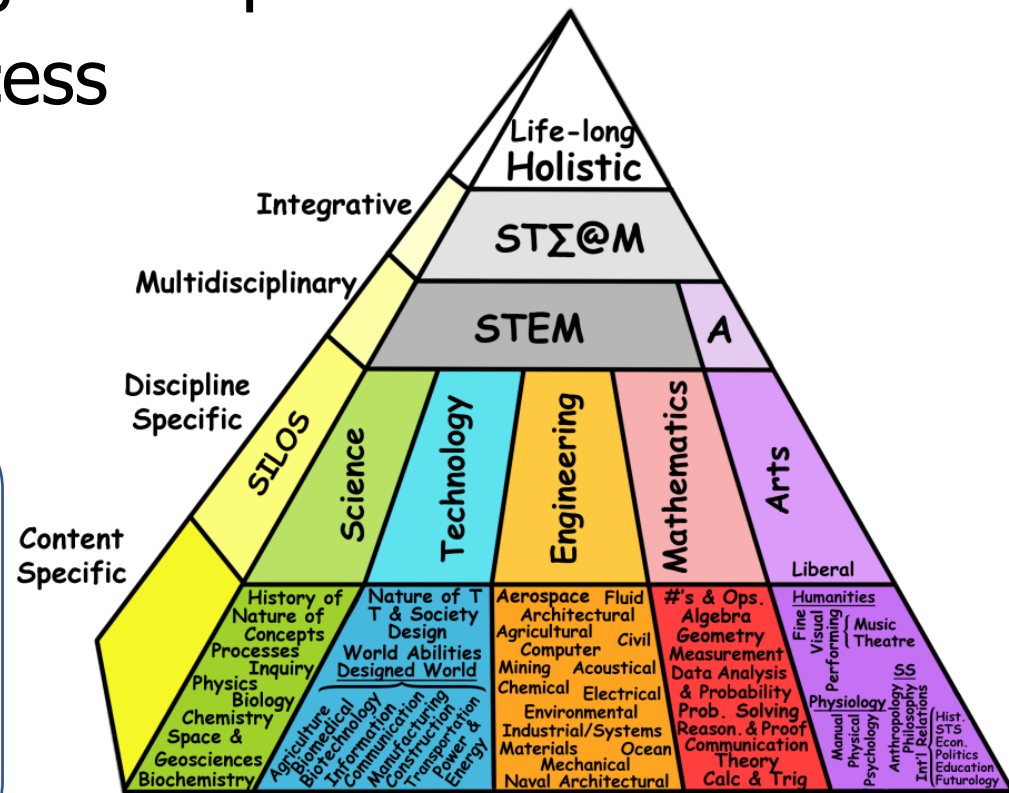


- Science** | the natural universe, where everything comes from
- Technology** | tools & innovative devices, uses & enhanced abilities
- Engineering** | purposeful innovation, creation & analysis
- Arts** | humanities, ethics, ideals & expression
- Mathematics** | fact organizing base language

? New training formats & programmes needed ?

- Primal – natural – inter-connected
- Neurological - based
- Developmental – personalized & responsive
- Global – base knowledge – respectful
- Flexible – growth & access
- Active – interactive
- Societal - emotional

Science & Technology
 interpreted through
Engineering & the Arts,
 all understood with
 elements of **Math.**



? Curricula & qualifications changes to better prepare future skilled workers

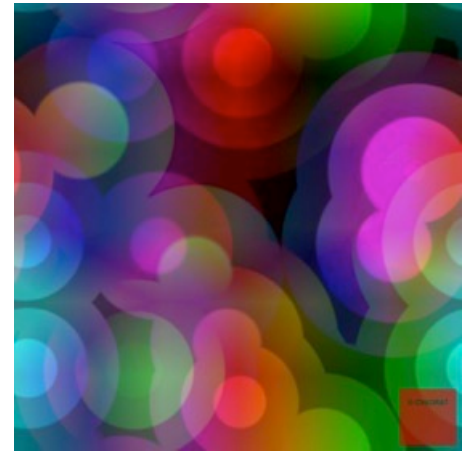
Socio-Global - unknown careers and events

Portfolio – whole learner style

Integrated - how to learn vs content – purposefully planned - silo depth - reinforcement vs competition

Depth & Breadth - knowledge of content, constructs AND context – reality leads to more complete phenomenology view for problem solving and adapting

Adaptability - Learning how to learn



Goal of Education

Enabling the future society by:
getting, **making**, selling, buying, using & disposing
of its products & influencing others to do so.

STEM organizes the materials, principles & processes of **what & how** things can be done,
STEAM includes **why & by whom** things are done.

Reinvention **Emerging Markets: Wearables**

Envisioning a new world – plans and prototypes

Exploring options – needs, wants & opportunities

New Technologies Role in Delivery of Future Programs

Interactive – AR - VR

Customization - Portfolios

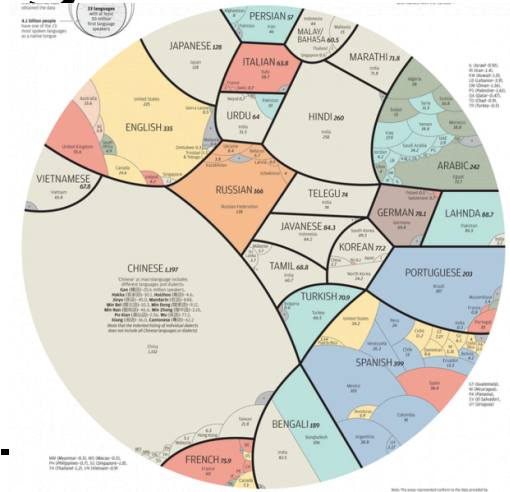
- Whole Person Assessment
- Language - *FLEX

Organization - *STEAM Framework -

“STEAM360 – Full Spectrum” – Life-long learning school – K-12 Accredited

Identify opportunities for your STUDENTS

-Empower them to learn about the silos & be most effective using **their** talents, exploring **their** interests & reducing **their** limitations

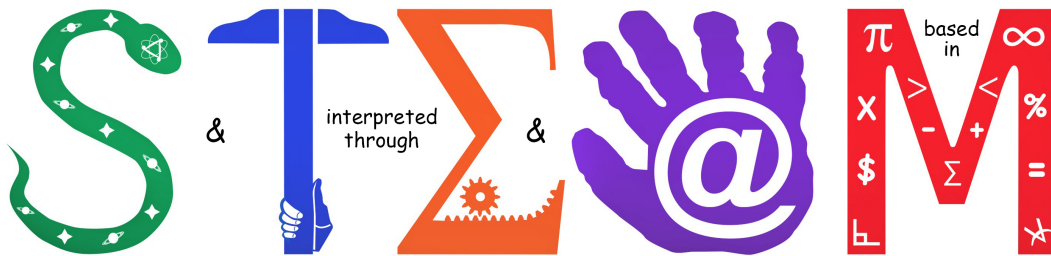




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