

Transforming Instruction with Digital Learning Paths

DR. SHANNA MURRAY-LUKE | WILLIAM CAREY UNIVERSITY

Educational Technology

- **The study and ethical practice of facilitating learning and improving performance by creating, using, and managing appropriate technological processes and resources. - Wikipedia**

473,000 hits from Bing

ed·u·ca·tion·al tech·nol·o·gy

[educational technology]

NOUN

digital technology used to facilitate learning.

The novel use of digital technology to **solve** traditional **problems**.
(Wikipedia)

A **radical rethinking** of how an organization uses technology, people and processes to **fundamentally change** business performance, says George Westerman, MIT principal research scientist. (CIO.com)

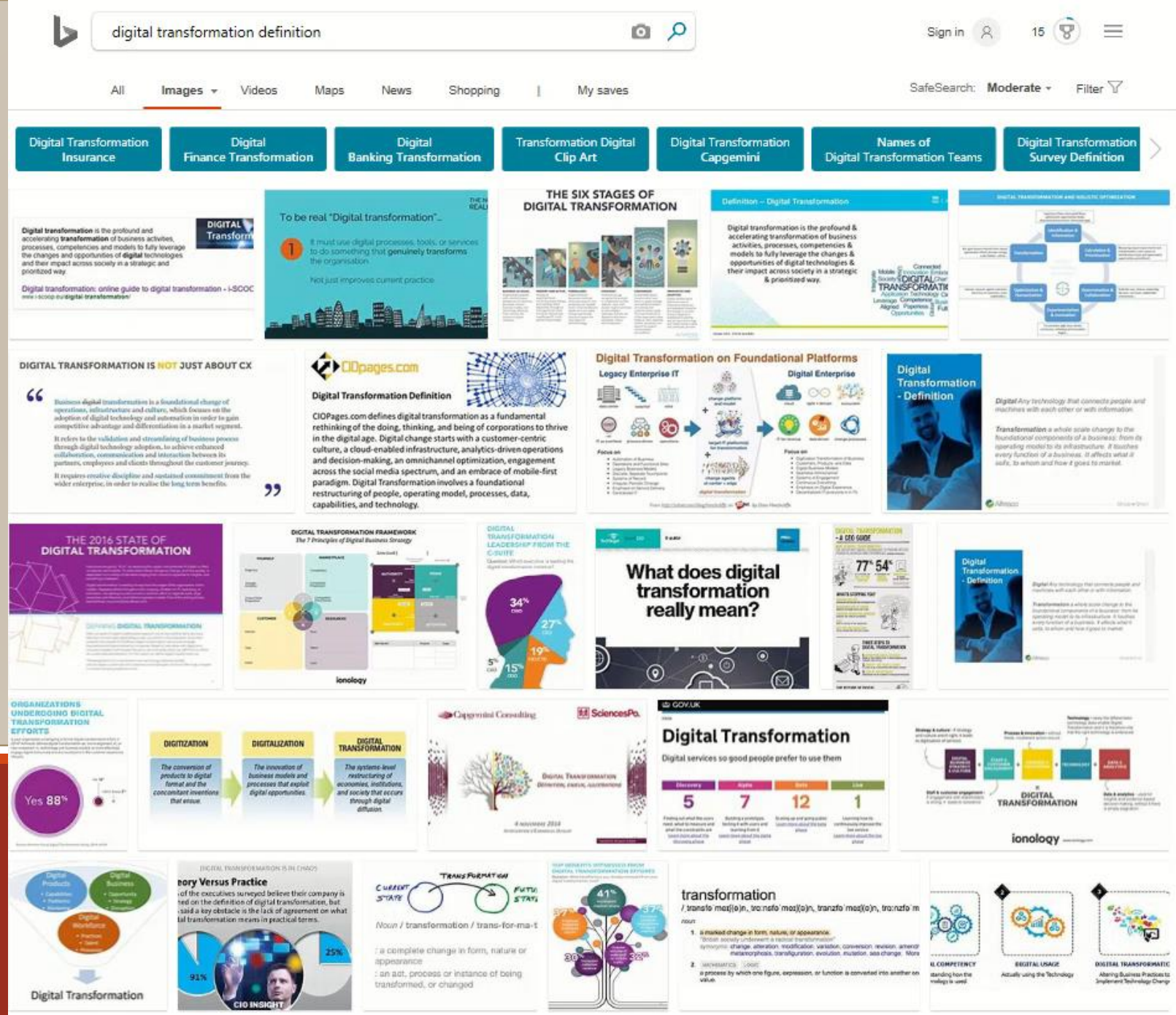
The **integration** of digital technology into all areas of a business, **fundamentally changing** how you **operate** and **deliver value** to customers. It's also a **cultural change** that requires organizations to continually challenge the status quo, experiment, and get comfortable with failure.

The realignment of, or new investment in, technology, business models, and processes **to drive new value** for customers and employees and more effectively compete in an ever-changing digital economy.
(BrianSolis.com, 2014-2019)

The **evolving pursuit** of innovative and agile business and operational models - fueled by evolving technologies, processes, analytics, and talent - **to create new value and experiences** for customers, employees, and stakeholders.
(BrianSolis.com, 2019)

Digital Transformation

- Solution focused
- Requires radical rethinking
- Integration of innovative...
- Change how you operate and deliver
- Realignment of technology to drive new value
- Evolving pursuit...
- ... to create new value and experiences.
- Change in culture of organization, customers (aka, students and parents), and production.



Consider:

How we shop: From Trade to M-Commerce

- Bazaars > General Stores > Catalogs > Malls > The Internet > Mobile Apps > AI/ML > ?

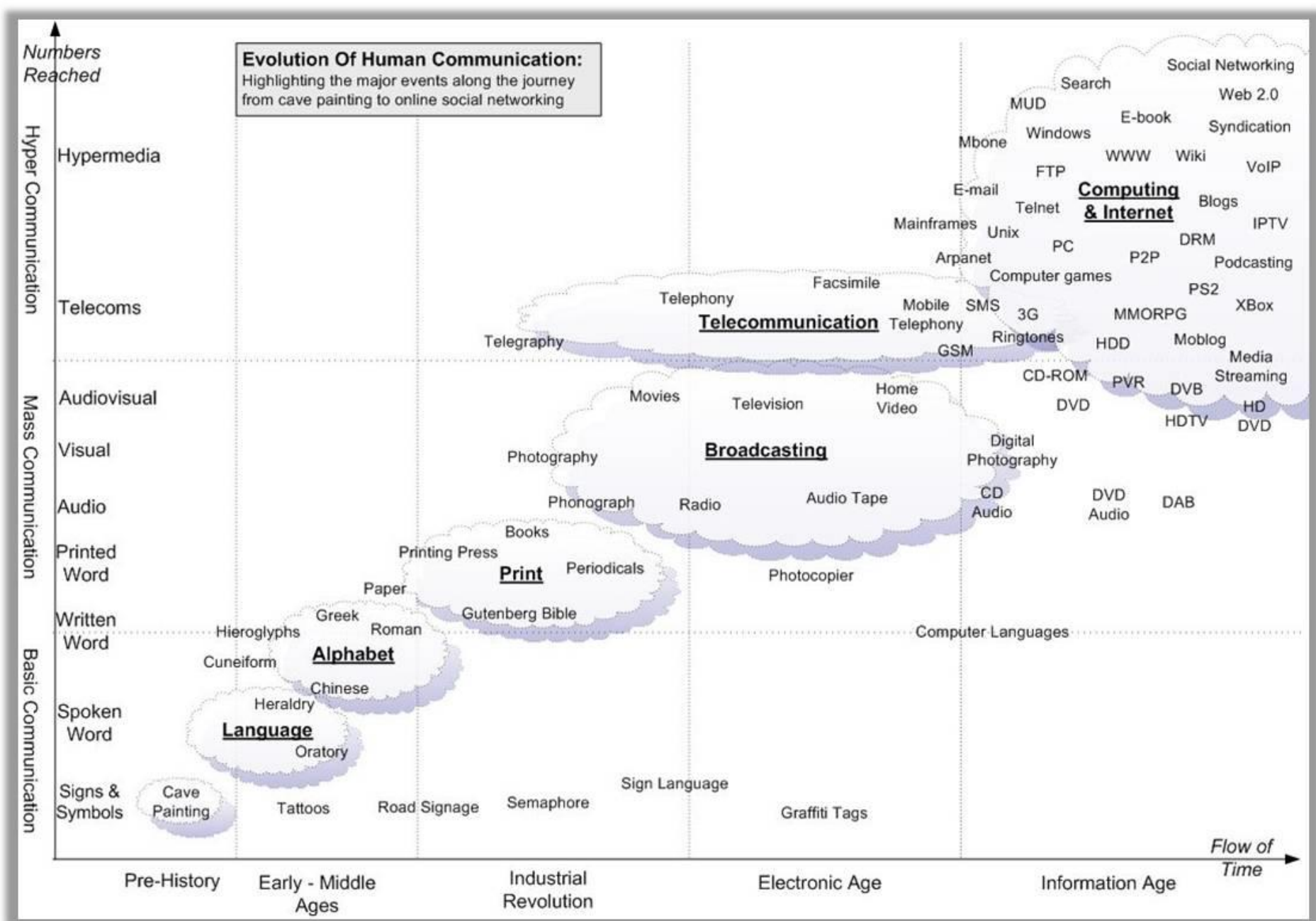
How we use money and bank: from trade to

- Commodity Money > Metallic Money > Paper Money > Credit Money > Plastic Money > ?
Bitcoin

Consider:



Consider:



Consider:

Digital transformation is not only a shift/switch in technology but a shift/switch in organization....

A shift/switch in the intersection of people, technology, culture, and process.

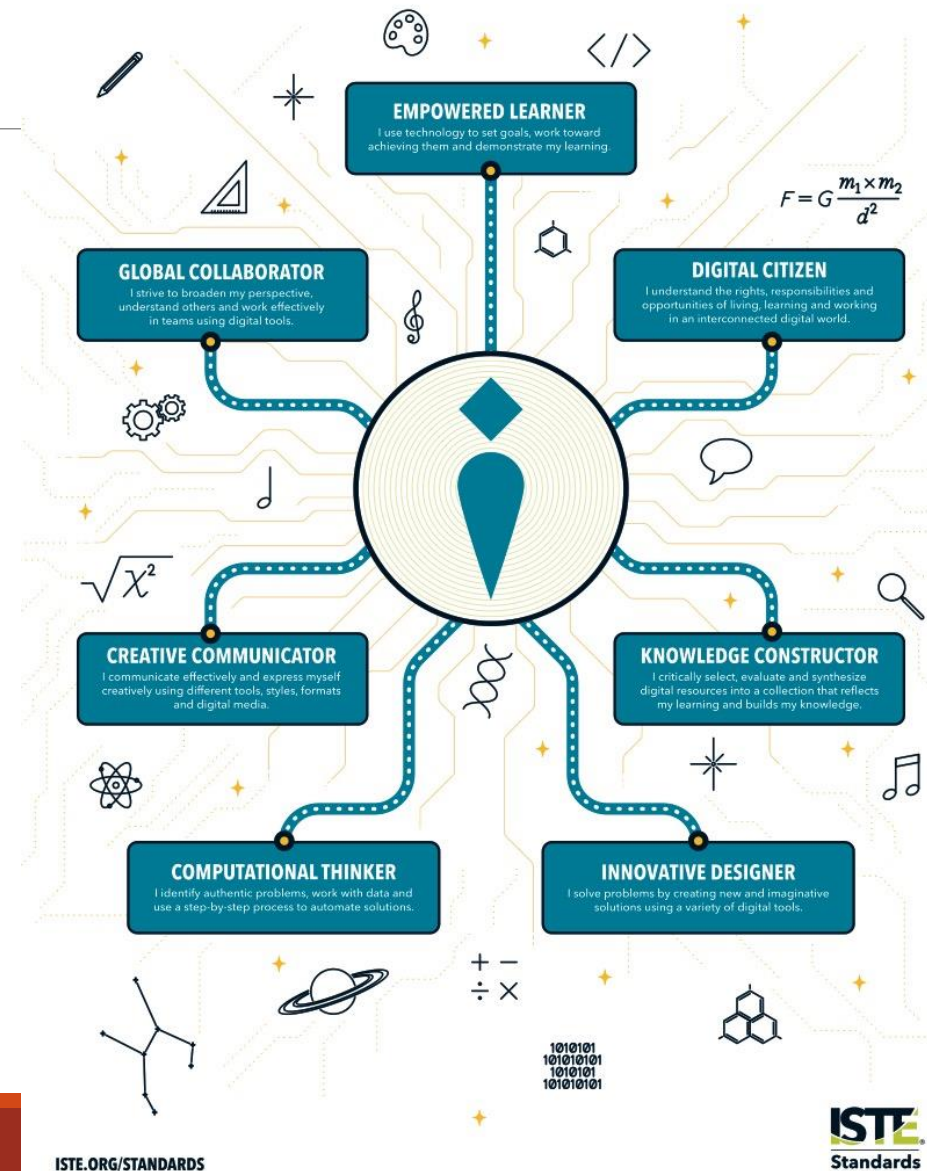
Technology, in and of itself does not equate to digital transformation (Newman, 2019).

I AM A DIGITAL AGE LEARNER

ISTE STANDARDS FOR STUDENTS

Why?

- Empowered Learner
- Digital Citizen
- Knowledge Construction
- Innovative Designer
- Computational Thinking
- Creative Communicator
- Global Collaborator



Digital Tools, Tips, and Transformation

Canvas Free-for-Teachers (CFFT)* - canvas.instructure.com (Set up a teacher account)

- [Canvas App for Students \(search the app store for Canvas or Instructure\)](#)
- [Canvas App for Teachers](#)

Wordpress - www.wordpress.com

Grammarly - www.grammarly.com

Canva - www.canva.com

Adobe Spark - spark.adobe.com

Prezi - www.prezi.com

TechSmith Jing - <https://www.techsmith.com/jing-tool.html>

Microsoft - <https://education.microsoft.com>

Structure:

The image shows a digital lesson plan interface. On the left, a sidebar lists the components of a lesson plan for 'Week 1': Launch Instructions, [LESSON], [ACTIVITY], [ASSIGNMENT], Daily, MONDAY, TUESDAY, WEDNESDAY, THURSDAY, FRIDAY, and Resources. Each item has a three-dot menu icon to its left. On the right, a detailed view of the 'LAUNCH' section is shown, which includes a list of items with green checkmarks and three-dot menus. The items are: LAUNCH: (with sub-items Purpose and Standards), LESSON:, ACTIVITY:, ASSIGNMENT:, Daily (with sub-items Monday, Tuesday, Wednesday, Thursday, and Friday), and Resources.

▼ | Week 1 |

- ☰ Launch Instructions
- ☰ [LESSON]
- ☰ [ACTIVITY]
- ☰ [ASSIGNMENT]
- ☰ Daily
- ☰ MONDAY
- ☰ TUESDAY
- ☰ WEDNESDAY
- ☰ THURSDAY
- ☰ FRIDAY
- ☰ Resources

LAUNCH:

- Purpose
- Standards

LESSON:

ACTIVITY:

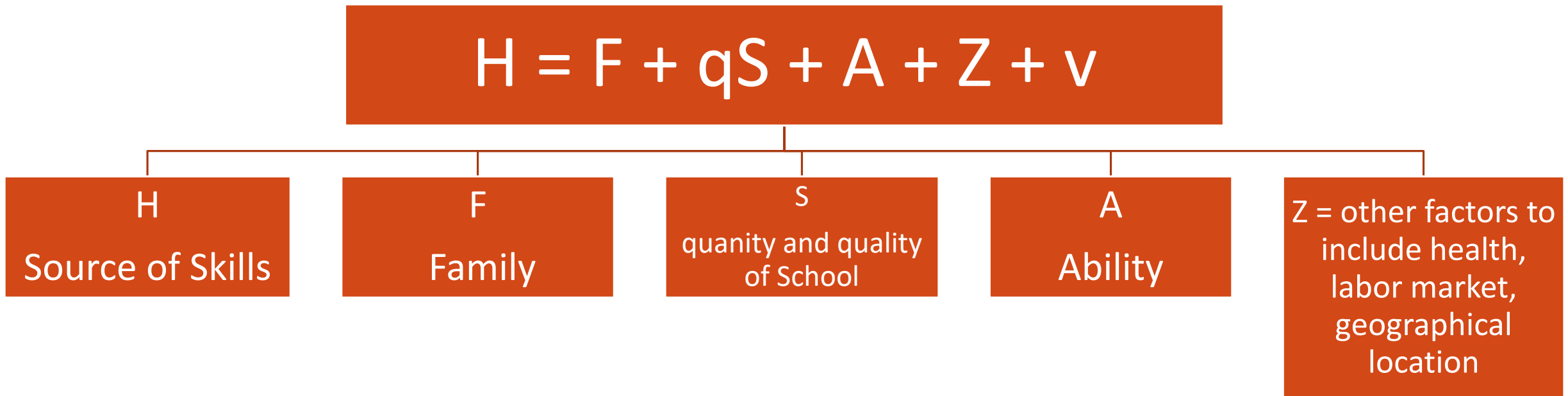
ASSIGNMENT:

Daily

- Monday
- Tuesday
- Wednesday
- Thursday
- Friday

Resources

How is “education” produced?



If we teach today as we
taught yesterday, we rob
our children of tomorrow.

- John Dewey.