ESSENCE ACADEMY

Actionable knowledge.
The sooner, the better.

Essence Academy
in numbers

1.000

students each year, since 2010

1

vocational school in the world

 Distinguished School

0

hours lost due to Covid-19
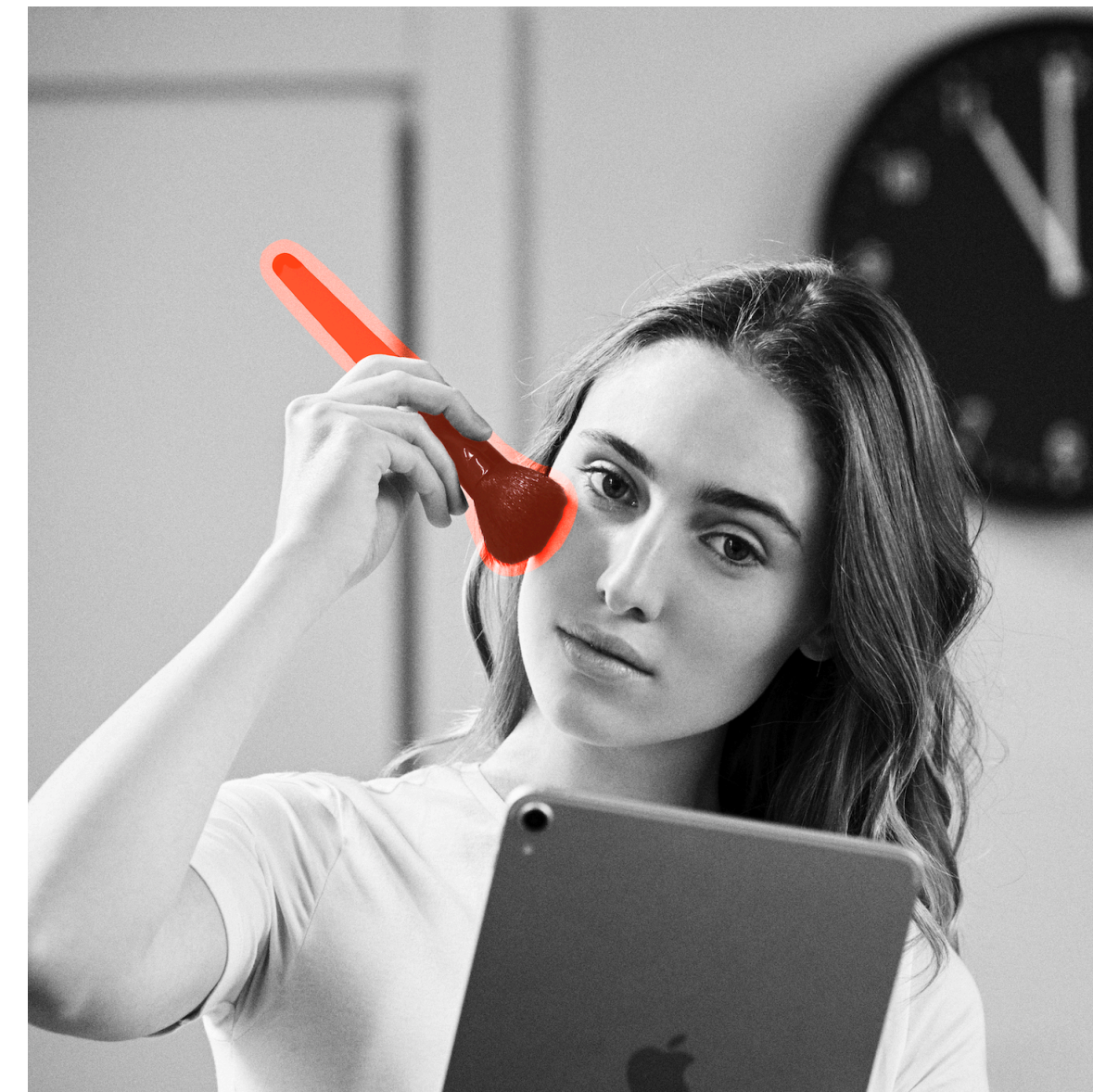
Digital education for
modern artisans (13-18)

Digital Design

Fashion Design
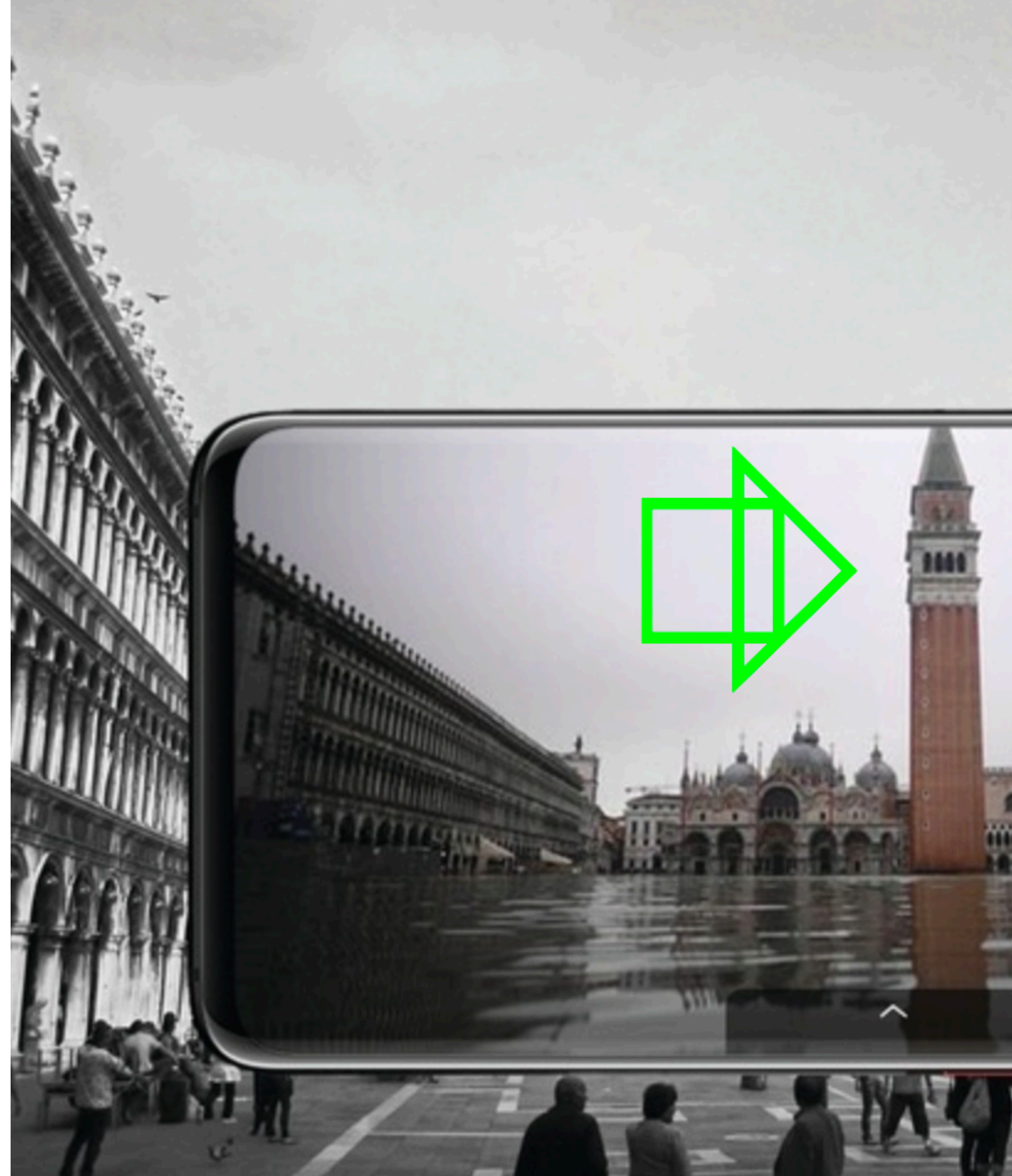
Beauty & Wellness

Hairstyle

Columbia University of NY

2nd level Master degree program in **Historic Preservation**

Workshop on **Digitization of Culture & Heritage** is run in Venice

We ran a similar workshop with **Italian 14 year-olds** via a **3-way partnership**

MIND@WARE

ESSENCE ACADEMY

MMN.it

Digitization of Culture & Historical Archives

1-week, 35-h, non-linear, hands-on, participative **workshop** on:

- Digital Conversion
- Algorithm Post-production
- 3D Rendering
- Video Making & Editing with AI
- Publishing with right tags and SEO
- Heritage Marketing Narrative

The sooner, the better.

14 year-olds performed as well as their American counterparts.

LIDAR tech available on iPhone & iPad.

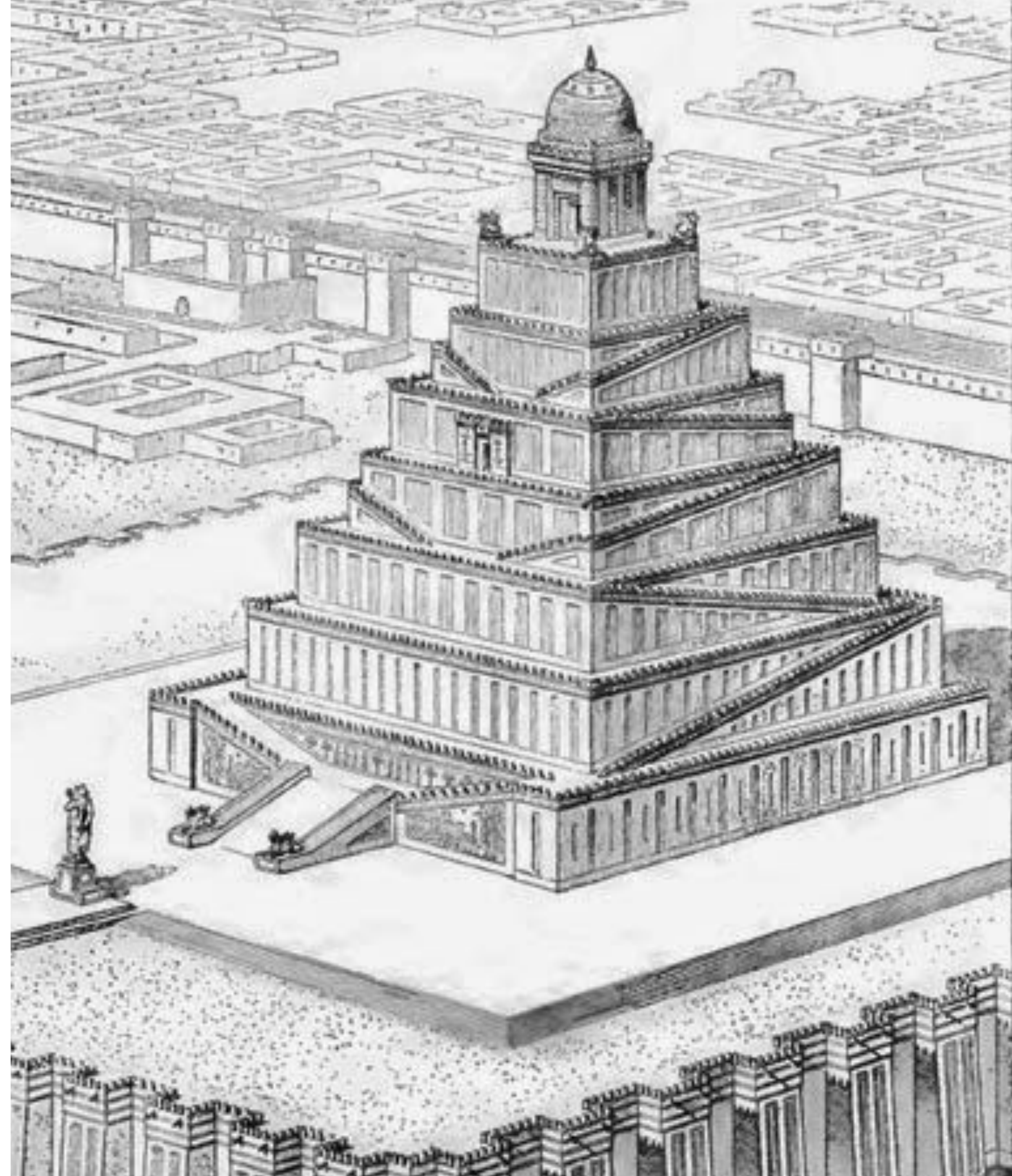They also took a new passion in otherwise "boring" subjects.

Learning is no longer a linear process.

We are one click away
from any information.

**But knowing and understanding
have never been so far apart.**

Connectivism

Learning is no more an individual process, it happens within and across networks.

Connections enabling more **knowledge & understanding** are more important than the current level of information.

What Artificial Intelligence means

IT is not the enabler of the core **functions**. It is the core functions.

Software does not help does who deliver **value**. It is the value deliverer.

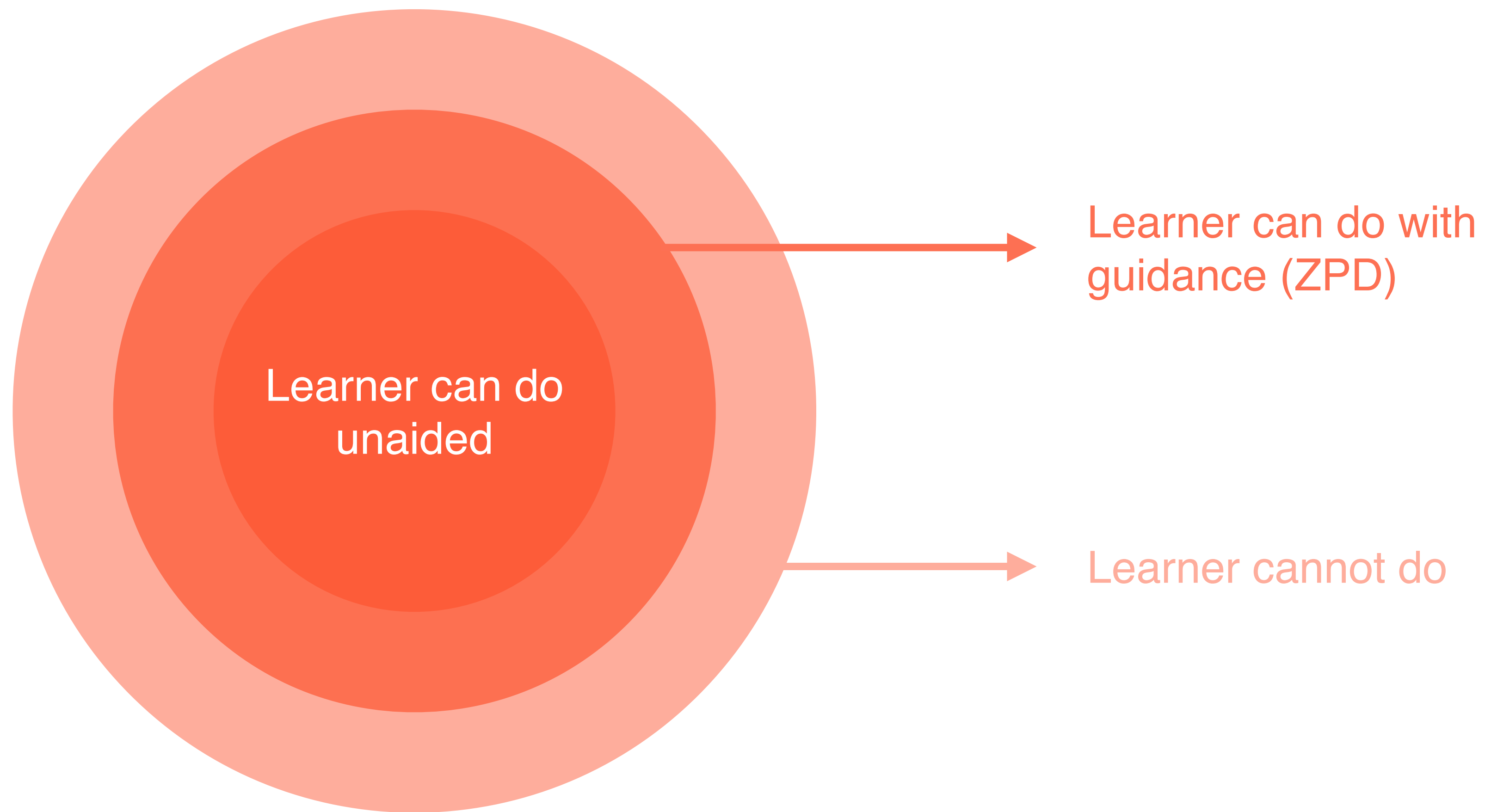Humans no longer tell machines what to do. It is the other way around. **Humans are called to ask WHY** and no longer HOW. **Creative and actionable thinking** are needed.

Zone of Proximal Development is key

Learner can do unaided

Learner can do with guidance (ZPD)

Learner cannot do

Widen specific ZPD

Hands-on experiences within ZPD

↓

Widen ZPD via interaction with
More Knowledgable Other
(not only teacher!)

↓

Improved learning strategies,
self-confidence

Crafting a theory of Digital Education

Digitization of culture and heritage should become
curricular part of K12 programs.

TMO OP Priority Areas:
III. Project Scouting & Cooperation
V. Dissemination

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Thank you for your attention.