



Building for Technology: Today and Tomorrow

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How much of a role does the physical building play in how well students learn?

To vote: Text a **CODE** to **22333**

No role at all. Students can learn in any kind of building.

35556

Some role. It affects their moods and can keep them happier..

35661

A big role. The building sets the stage for how the learning is done.

35702

0 results

0 9 18 27 36 45 54 63 72 81 90 99

Full Screen

Chart Options

Table (Hide Results)

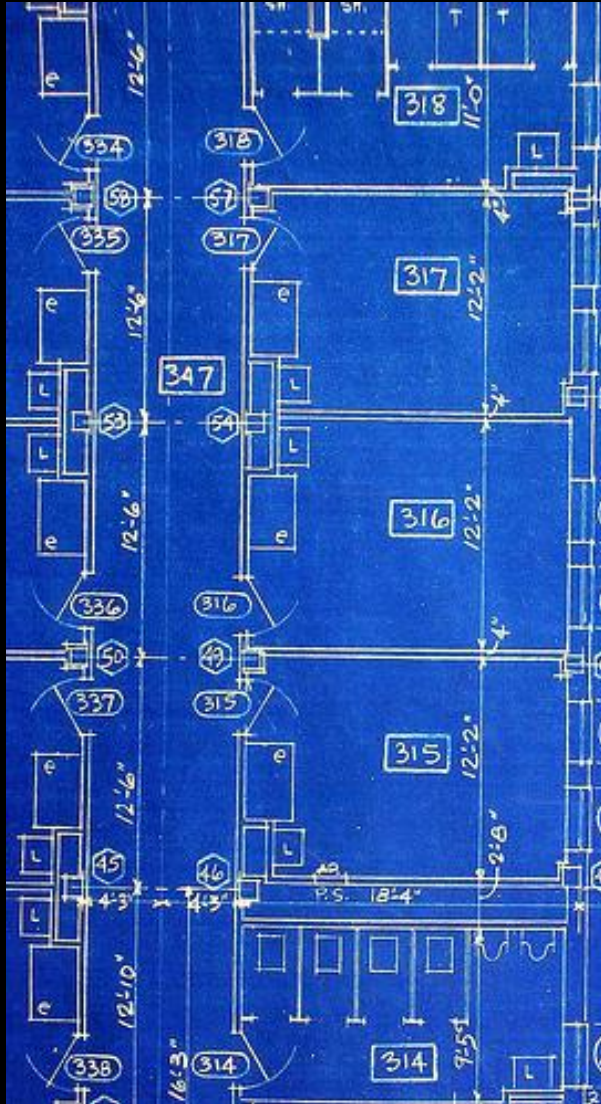
Increasingly, those who use technology in ways that expand their global connections are more likely to advance, while those who do not will find themselves on the sidelines.

2009 Horizon Report



Image: Rough Night for some
<http://flickr.com/photos/mrhappy8/2394783925/>

design

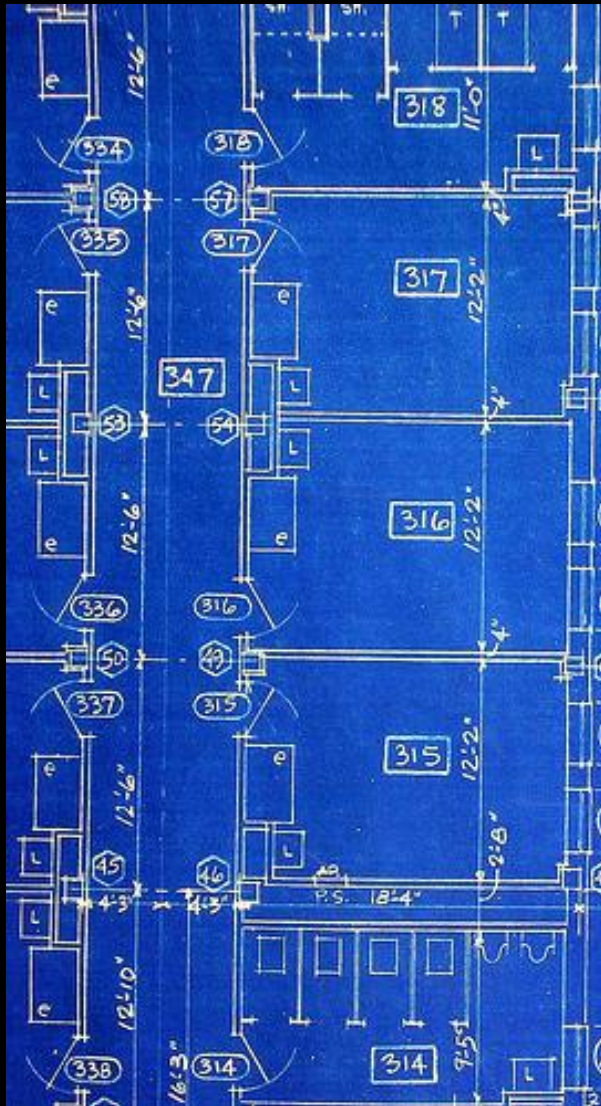


tools



management





part 1
design

A close-up photograph of a person's hands on the steering wheel of an Audi car. The steering wheel is black with the Audi logo in the center. The driver is wearing a dark blue jacket. The background shows the car's dashboard with various gauges and controls. The text "curriculum drives technology" is overlaid on the right side of the image.

curriculum

drives

technology




begin with *the end* in mind

cooperative environments



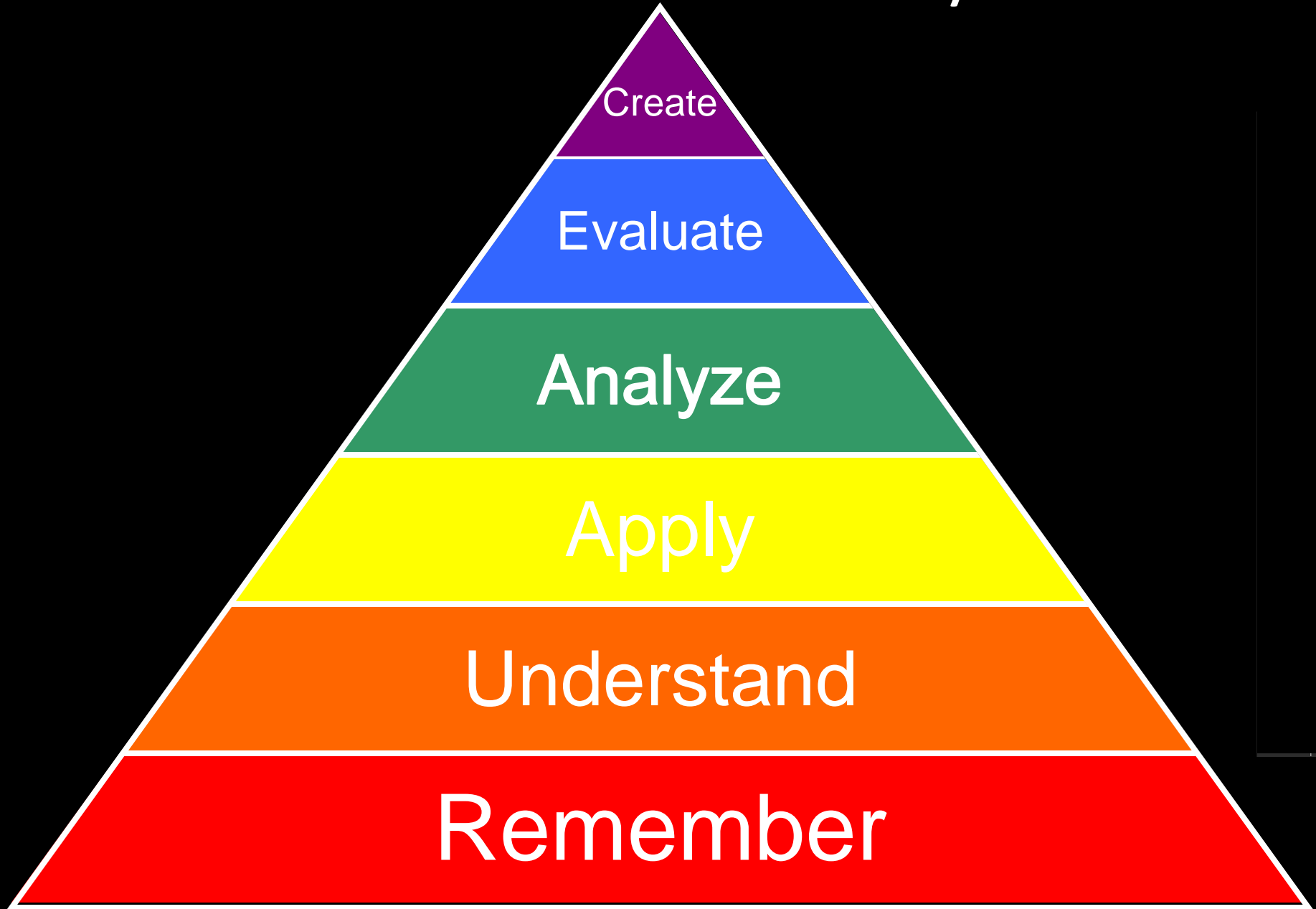
*problem-
based* learning



A young child with dark hair is looking intently at a laptop screen. The child's hands are resting on the keyboard. In the background, other children are visible, and a camera is positioned to capture the scene. The text "use the inquiry process" is overlaid on the right side of the image.

use the
inquiry
process

bloom's *revised* taxonomy





authentic assessments

A top-down view of a wooden workbench cluttered with various tools. In the center is a hammer with a wooden head and a black handle. To its right are silver pliers and a pair of scissors. A hand saw with a wooden handle and a serrated blade is positioned diagonally across the middle. A yellow pencil lies horizontally in the upper left. Numerous nails, screws, and small metal parts are scattered across the surface. The lighting is warm, highlighting the textures of the wood and metal.

technology as a
tool



individualized

embedded

technology



connected





global audience

tap into the
energy

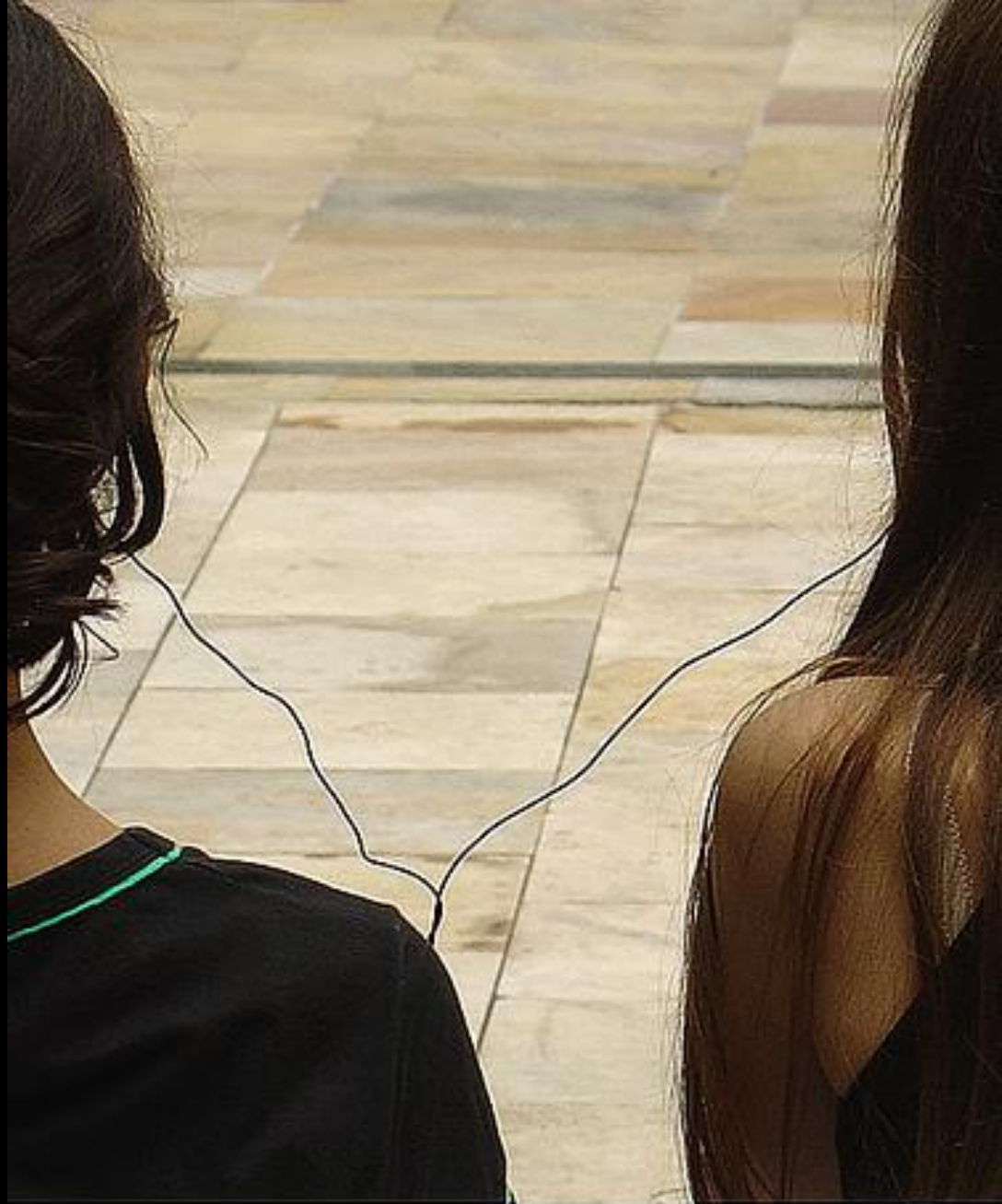


students bring to class

learn
with technology

the way students

live
with technology





using technology successfully in the classroom is a
mindset,
not a skill-set



what's the *next step* for you?



part 2
tools

the technology *toolbox*



the technology *toolbox*: *blogs*

personal
reflection

seeking
feedback



the technology *toolbox*: wikis

collaborative
knowledge building



the technology *toolbox*: social networking

making *connections*



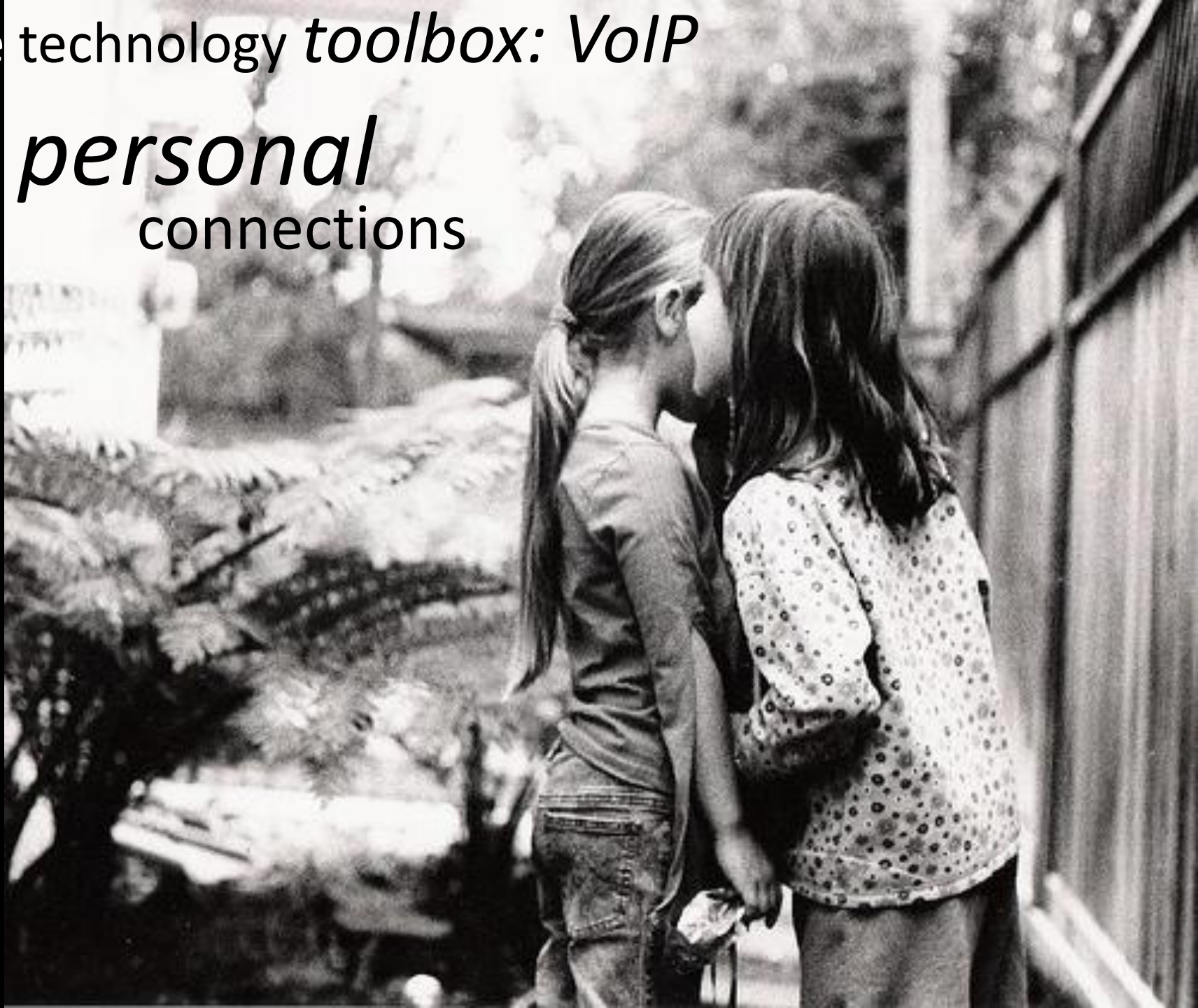
the technology *toolbox*: *multimedia*

expressing
creativity

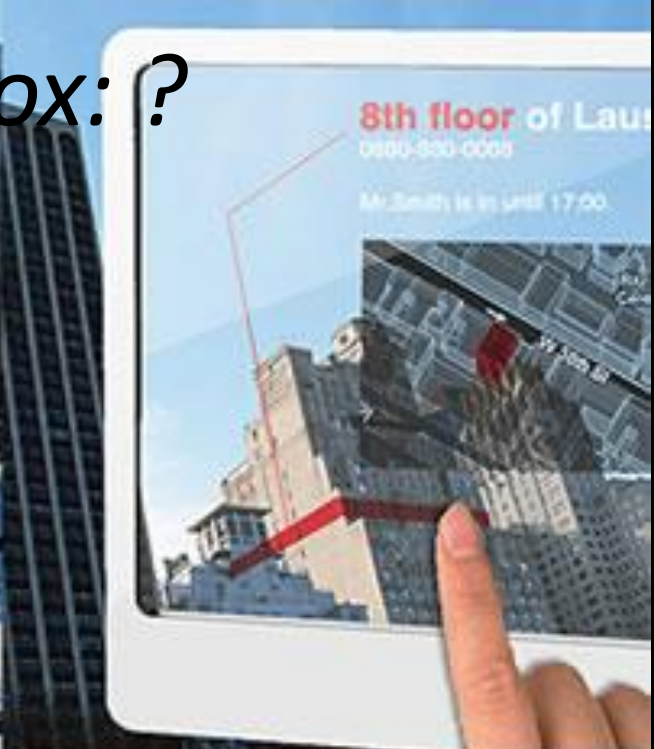


the technology *toolbox*: VoIP

personal
connections



the technology *toolbox*: ?



*new
uses*

have *YOU* been connecting?





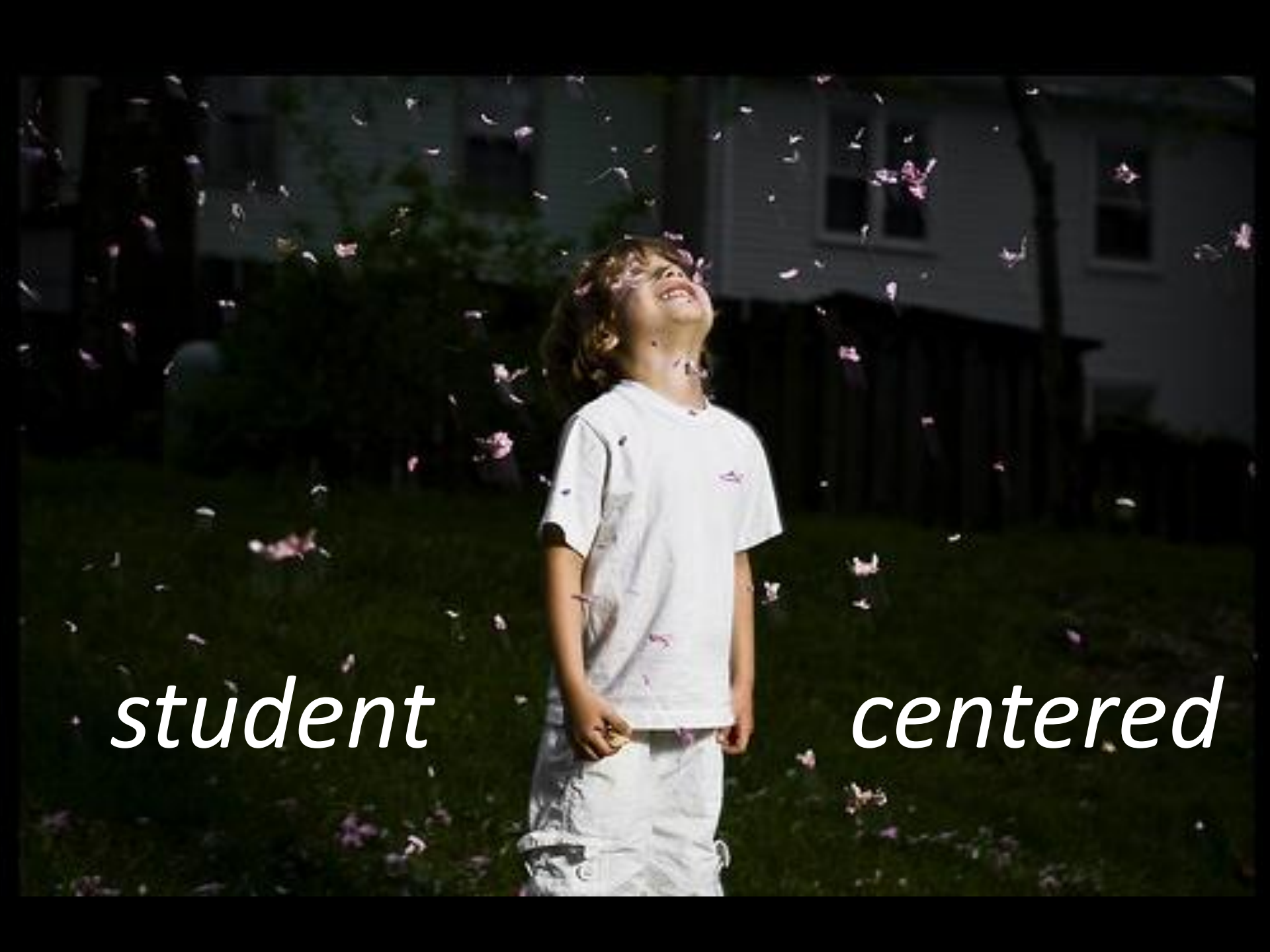
part 3

management



create a *studio* environment





student

centered

teacher as *facilitator*





adaptive

and

flexible

mobile



community
environment



CONTR  ACTOR



PRIFF

L.M.S.C.

NATIONAL AERONAUTICS
AND
SPACE ADMINISTRATION
MANNED
SPACECRAFT CENTER

utilize class
experts



networked



creative



interactive

media rich



instant access






digital citizenship

power

hungry



A close-up photograph of a hand pressed against a car window. The window is covered in condensation droplets. A black warning sticker is affixed to the glass. The background is blurred, showing a bright light source and some greenery.

OBJECTS IN MIRROR ARE
CLOSER THAN THEY APPEAR

are *YOU* ready?

The Bottom Line: A Classroom that Has:

- A technology-using teacher
- A teaching station laptop
- 1:1 devices (either from the district or BYOT)
- Fast and robust Internet connectivity with WiFi everywhere
- As much light as possible
- Online curriculum, digital content, and portfolios
- Interactive wall of some sort
- Projector with sound
- Moveable furniture
- Walls without boundaries
- Flexibility



Q & A

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