

S1: When and why to use technology

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why should we use technology?

when should we use technology?

Technology in HP education

- Technology is intrinsic to education books, libraries, buildings, chalk/white boards
- · We tend to only see the new as 'technology'
- p-Learning, b-Learning?
- ESCEL has been designed to increase your awareness of and competency in using digital technology for health professional education

it's the best thing to do

... or ...

it's the best you can do

Ellaway R. (2014). Best possible or best available? Medical Teacher: 36(2):183-185.

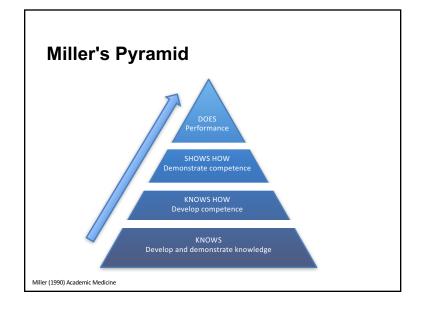
It's the best thing to do

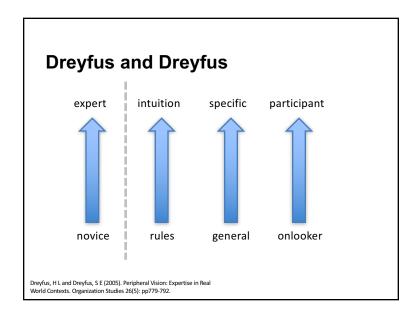
When is technology-enhanced learning (TEL, elearning, TBL, etc.) the optimum model?

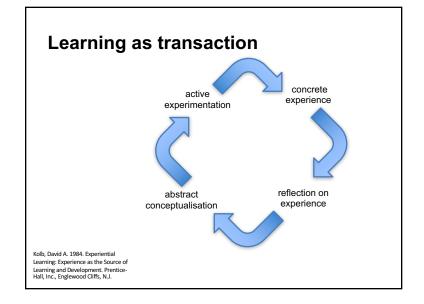
Is it ever?

It can be difficult to make this case ...

Particularly given that most educational models are technology agnostic







It's not about the technology

- Technology can be used in almost every kind of medical education activity
- There are very few, if any activities, where technology is the primary focus, perhaps:
 - eHealth 'medium as message'
 - digital professionalism
- So, are there any optimal reasons for using technology?

· Liding blurring and fla

Internet powers

- · Hiding, blurring and flattening social conventions
- · Exponential connectivity
- · Accelerating speed of action and response
- · Reach defeating geography and temporality
- Tracking accountability, privacy

If you need some or all of these then they can be enablers ... but not the primary focus

Making the most of what you have

- Compromise best we can do ...
- Compensation if we can't do that ...
- Opportunity well, as long as ...

Configuring the learning environment ...

what happens when you do?

What happens when you do ...

Technology:

- · Transforms, directs
- · Alters preferences
- · Introduces or enables biases
- · Shifts power and authority
- · Introduces new professions
- · Can both help and hinder learning

We are flawed

Common learner and teacher preferences and biases:

- · Economies of presence and attention
- A will to not see technology as their concern
- · Many, many biases
- Educational technology is NOT causal

Why use technology?

- · Technologies let us change the rules
 - to save time and effort remembering, repeating, finding, recording, structuring
 - to go beyond physical limitations big/small/far
 - to go beyond temporal limitations
 - to organize and connect
 - to scrutinize, record, and track
 - technology is an enabler, a prosthetic

