

Dr Jack Bacon Keynote #ulearn11

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“It pays to be a historian, before you become a futurist”

Skills for the future are 'how to reinvent myself' because we can no longer teach the skills that will last a lifetime - Teachers need to teach students how to reinvent

Futurists look at the things that influence trends - things that get us off track and away from what we are used to looking at/doing.

Intellectual growth allows us to continue exponential growth

Growth now is dramatically accelerated.

Students can now do what only professionals could do years ago - eg animations like Avatar etc.

It's not so much about creating new ideas, it's about recreating past ideas/experiences to be better.

It is inevitable that we see an explosion of creativity now - “An explosion of creativity is upon us”

It sifts, sorts, stores & shares information - technology's capability is doubled every 18 months.

“the machines we are creating exist to evolve with us”

“It's good to step back and wonder 'what is going on”

It is important to watch the developing world for trends, difficulties etc.

More physical people on the planet gives us more brains to ‘pull’ (learn) from - a greater diversity of minds

Global communications are the key to what is going on in this “parallel bang”

Homo sapiens... all the way to homo sapiens...learners with screen as window to the world.

“Every person has the library of the world available to them”

Silicon revolution - the silicon chip (thumb drives etc)

Year 2000 onwards meant people had access to more data than ever.

“You have to be prepared to be nimble for this explosion in society”

It is out of our control to comprehend how much change is coming!

Genocide in Rwanda could never happen again, they are now connected to the world-power of communication in human rights?

Pay attention to the developing world - half of all cell phones being manufactured now and going into the world are going there, Africa etc. Our schools should be linking up and communicating with them

“Diverse minds are now linked fluidly and instantly around the world” - this has huge implications for problem solving.

The physical world is now mapping itself to our digital world. Barcodes on products are on the way out - dramatic changes on the way.

[World Community Grid](#) - allows people to be part of solving health problems - donate your computer idle time. Challenge to get our students involved! - Technology solving problems!

Patent rate has tripled and it is now increasing - 6-7x the old patent rate from the 70s/80s
11x as many college graduates now

Parallel bang ~ when increase in knowledge meets fibre enabled online communications.
We may be losing languages but it is breaking down communication barriers.

Knowledge, creativity and communication all coming together as a parallel bang

Mary Anne Mills:

Are we on a trip or a journey?? Ask questions?

Are we product managers or an architect?? Getting things done/conceptual design.

Need a common understanding of what we are working towards. Need to have dialogue about where we are going. Strategies expected to see. What is the evidence??? (broadest sense) in terms of engagement, participating.

National Standards, achievement.

What Data??? is needed?? Actions to respond to what we are seeing to respond to internal processes.

Do we need to go into other schools?? Key belief over riding each curriculum area. Done in partnership. Lots of workshops: mini (students)

How can we move away from being police??? Uniform??

Do we look at leadership in other ways?????

Delivery versus disruption questions. If you have a body you are an athlete.

If you have a brain you are a learner.

Gather people together and share: not by hierarchy but by network.