

BICE I Know The Learners LEARNER-CENTRED APPROACH

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ON

BASIC IN CLINICAL EDUCATION (BICE) 2022

BICE I:

KNOW THE LEARNERS: LEARNER-CENTERED APPROACH



organized by

MEDICAL EDUCATION UNIT

in collaboration with

OFFICE OF DEPUTY DEAN
(ACADEMIC AND INTERNATIONALISATION)

28th JANUARY 2022

3 PM - 5 PM

Zoom Platform

KULLIYYAH OF MEDICINE
INTENATIONAL ISLAMIC UNIVERSITY MALAYSIA

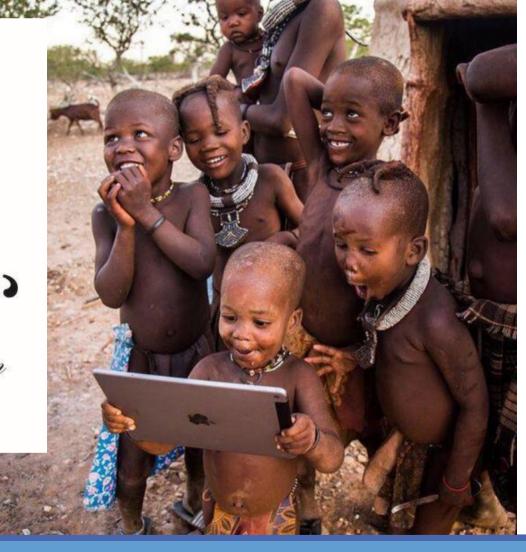


The secret in education lies in respecting the student.

-Ralph Waldo Emerson

(1803 - 1882)

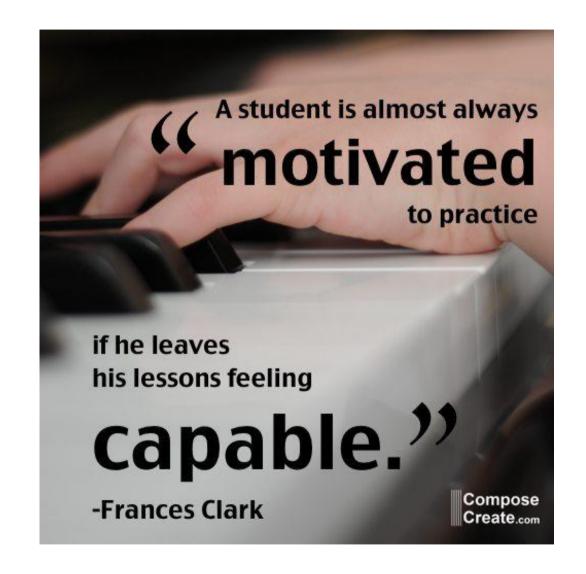
American essayist, lecturer, and poet who led the Transcendentalist movement of the mid-19th century.



LEARNER-CENTRED EDUCATION (LCE)

Learner-centered education (LCE) is a pedagogical framework that positions learners at the heart of the instructional process, not as passive recipients of information as in a traditional teacher- or content-centered approach.

https://leader.pubs.asha.org/doi/full/10.1044/leader.FTR3.10162005.12



(Heredity, experiences, perspectives, backgrounds, talents, interests, capacities and needs)

LEARNER'S PROFILE



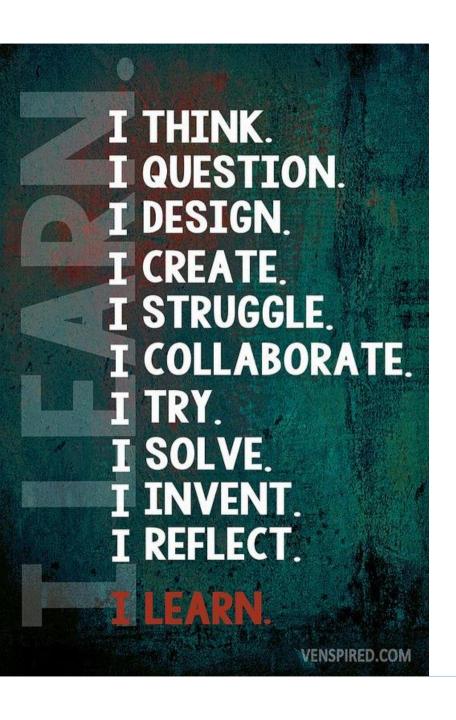
TEACHING LEARNING METHODS

(most effective in promoting the highest levels of motivation, learning and achievement for all learners)

LEARNER-CENTRED LEARNING

`The perspective that couples a focus on individual learners with a focus on personalised teaching & learning practices, tailored for all learners.

McCombs and Whisler (1997)



Tenets of Learner-Centred Learning (Lea et al, 2003)

- 1. Reliance on active rather than passive learning
- 2. Emphasis on deep learning and understanding
- 3. Increased responsibility and accountability on the part of the student
- 4. Increased sense of autonomy in the learner
- 5. Interdependence between teacher and learner
- 6. Mutual respect within the learner teacher relationship
- 7. Reflexive approach to the teaching and learning process both teacher and learner.

LEARNER-CENTRED APPROACH vs TEACHER-CENTRED APPROACH

The focus is on both the learners and the teacher.	The focus is on the teacher who is the expert.	
The focus is on how the learners will use the skills or content.	The focus is on what the teacher knows about the skills or content	
Teacher models. Learners interact with teacher and each other.	Teacher talks. Learners listen.	
Learners work in pairs, groups, or alone depending on the task.	Learners work alone.	
Learners work independently. Tutor provides feedback or corrections.	Teacher monitors and corrects.	
Learners have some choice of topics.	Teacher chooses topics.	
Learners evaluate their own learning. Tutor also evaluates.	Teacher evaluates student learning.	
Learning environment (may not be a classroom) is often noisy and busy.	Learning environment (usually a classroom) is quiet.	

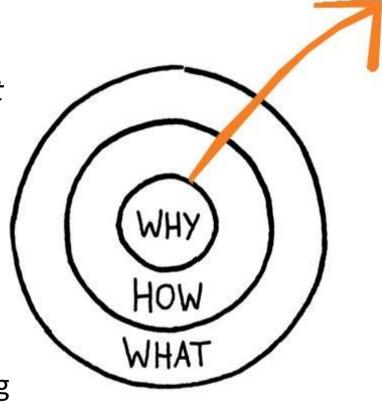
https://thisisgraeme.me/2017/03/06/approaches-what-is-learner-centred/

The Questions

 WHY do we have to teach using a learner-centred approach? (Why can't we just continue using the teachercentred method?)

 HOW do we teach using learnercentred approach?

 WHAT does an effective teaching using learner-centred approach look like?

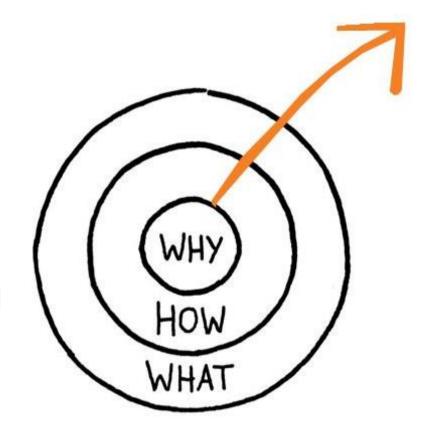


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FOR THE WORLD HAS
CHANGED, AND WE
MUST CHANGE WITH IT

BARACK OBAMA

OUR WORLD TODAY (2019-2022) PANDEMIC COVID-19









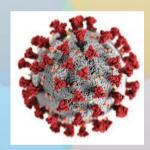
OUR CURRENT & PRESENT V.U.C.A WORLD





Volatility-The nature, speed, volume, magnitude, and dynamics of change

Ambiguity– The haziness of reality and the mixed meanings of conditions



Uncertainty— The lack of predictability of issues and events

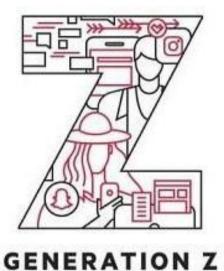
Complexity—The confounding of issues and the chaos that surrounds any organization

V.U.C.A

OUR FUTURE GENERATION: GEN Z









GREW UP DURING A RECESSION



TEND TO BE PRAGMATIC



FOCUSED ON SAVING MONEY



MOBILE NATIVES



1997

&

2010s



PREFER BRANDS THAT
FEEL AUTHENTIC





PREFER SNAPCHAT & INSTAGRAM



GENERATION Z (Gen-Z, iGen, centennials)

- Born between 1996 and 2009.
- Most do not remember life without the internet.
- Have had technology like smartphones, iPads, and other devices available throughout most of their schooling.



Understanding Generation Z



KEY CHARACTERISTICS



Globally Aware:

Celebrities, fashions, foods, online entertainment, nothing escapes Generation Next.



Grows on iPads, Facebook, Smartphones, YouTube, etc.



Speed Demons:

Lives for speed and in a world of instant gratification.



Entertainment Addicts:

Seek out captivating campaigns and entertainment.



Collaborative Partners:

Want their voice to be heard and be involved in your brand through user-generated/ collaborative campaigns.

Micro Miners:

Every information has to be broken into bite-size, manageable pieces.



Sources: McCrindle Research, Sparxoo and GROUP MAD.



THE COVID-19 CRISIS LEADS US TO QUESTION SOME OF THE FUNDAMENTAL ASSUMPTIONS ABOUT OURSELVES AND OUR LIVES

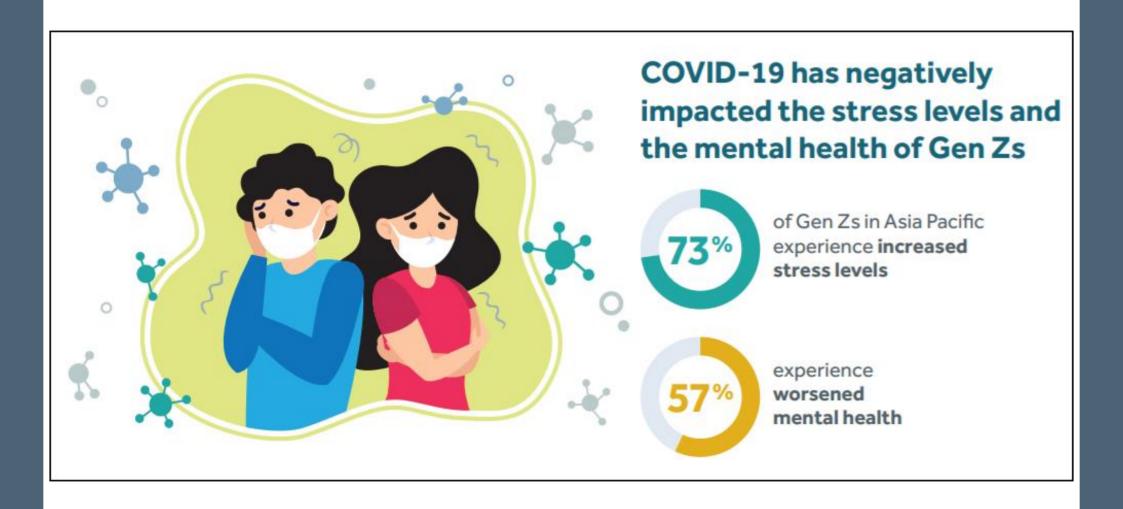
When it comes to education, we need to strengthen an approach that promotes the well-being of people and the planet.

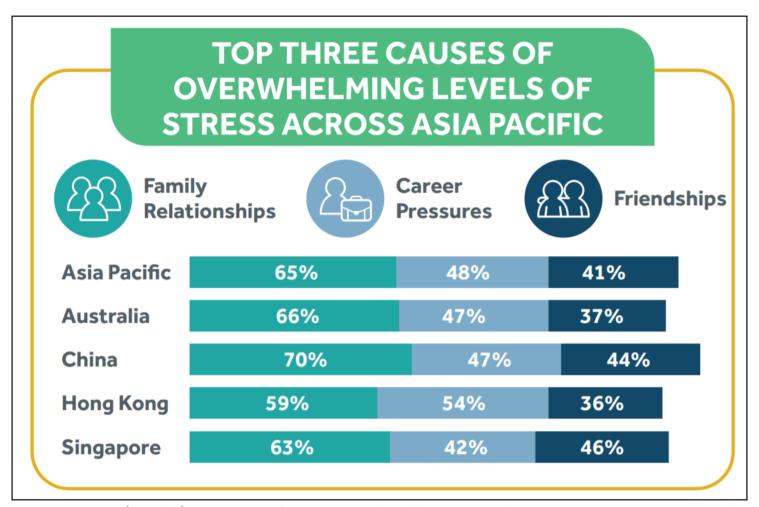
We need education that goes beyond providing basic knowledge and skills and leads to awareness, ideas and action that help us advance towards sustainable development.

Education for Sustainable Development empowers learners to transform themselves and transform societies. This transformation is as urgent as the response to COVID-19, let's not squander this opportunity to change learning and build a better world.

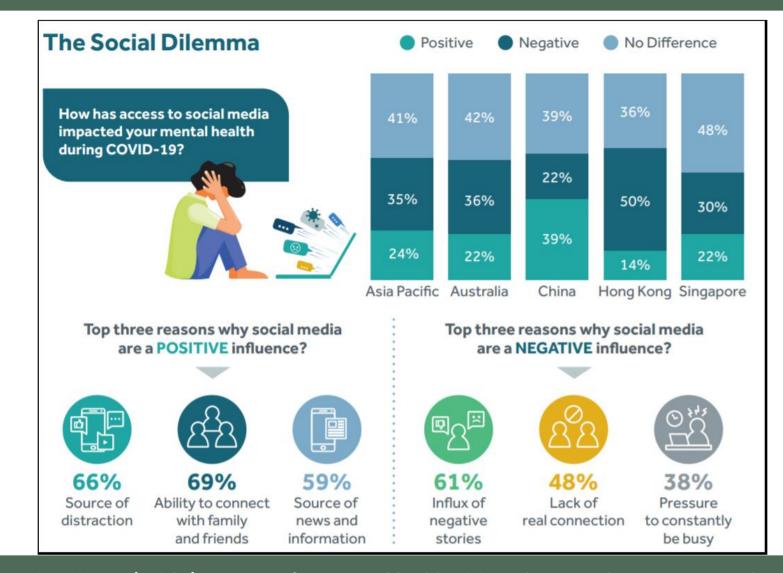
(Stefania Giannini, Assistant Director-General for Education UNESCO)

https://en.unesco.org/news/build-back-better-education-must-change-after-covid-19-meet-climate-crisis





https://www.campaignasia.com/article/apacs-gen-z-faces-mental-health-crisis-as-they-struggle-to-manage-pandemic-blowb/464168







Article

The Psychological Impact of Movement Restriction during the COVID-19 Outbreak on Clinical Undergraduates: A Cross-Sectional Study

Aida Kalok ¹, Shalisah Sharip ², Abdul Muzhill Abdul Hafizz ¹, Zulkifli Md Zainuddin ³ and Mohamad Nasir Shafiee ^{1,*}

- Department of Obstetrics and Gynaecology, Faculty of Medicine, National University of Malaysia, Universiti Kebangsaan Malaysia Medical Center, Cheras 56000, Malaysia; aidahani.mohdkalok@ppukm.ukm.edu.my (A.K.); muzhill_hafizz@yahoo.com (A.M.A.H.)
- ² Department of Psychiatry, Faculty of Medicine, National University of Malaysia, Universiti Kebangsaan Malaysia Medical Center, Cheras 56000, Malaysia; shalisah@ppukm.ukm.edu.my
- Department of Surgery, Faculty of Medicine, National University of Malaysia, Universiti Kebangsaan Malaysia Medical Center, Cheras 56000, Malaysia; zuluro@ppukm.ukm.edu.my
- * Correspondence: nasirshafiee@ukm.edu.my; Tel.: +603-9145-6485

Received: 26 October 2020; Accepted: 14 November 2020; Published: 17 November 2020

The Psychological Impact of Movement Restriction during the COVID-19 Outbreak on Clinical Undergraduates: A Cross-Sectional Study n = 772

COVID-19 pandemic has resulted in a Movement Control Order (MCO) in Malaysia uent closure of all educational institutions. We aimed to exar 52.8%: **Depression &** ICO among clinical undergraduates. A cross-sectional study restionnaires that were distributed online using the Depressi Prevalence of stress level: Less 21), Short g Scale (Anxiety: 1 MCO effec v-two st psychological with greater evalence of around Senior < juniors ption to their senior st distress social support anxious than t (three or more) was linked to a lower score of depression (

= 0.045). Undergraduates who received family support demonstrated lower depression scores (p = 0.037) and higher mental wellbeing (p = 0.020) compared to those without. Government support was

1.06–2.22). The present finding provides evidence of a high prevalence of psychological distress among clinical undergraduates during the COVID-19 pandemic. Appropriate social support is important in alleviating anxiety and stress and promoting greater mental wellbeing amongst students during the nationwide quarantine.

Didiklah anak-anakmu itu berlainan dengan keadaan kamu sekarang kerana mereka telah dijadikan Tuhan untuk zaman yang bukan zaman kamu.

-Saidina Umar Al Khattab

21st Century: Changes in Learner's Roles

From:	To:	
Passive learner	Active learner	
Reproducer of knowledge	Producer of knowledge	
Dependent learner	Autonomous & Independent learner	
Solitary learner	Collaborative learner	
Exclusively learning content	Learning to learn/think/create communicate	

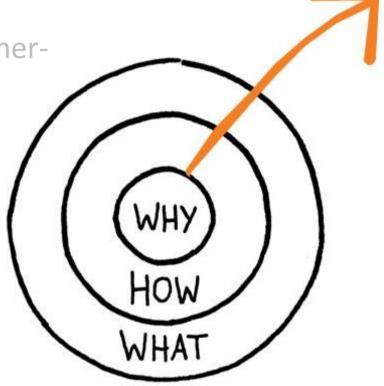
https://www.slideshare.net/GunjanVerma14/innovative-strategies-in-education-61321068

The Questions

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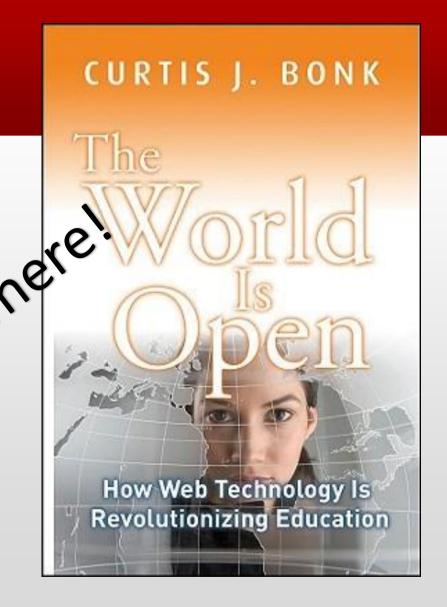
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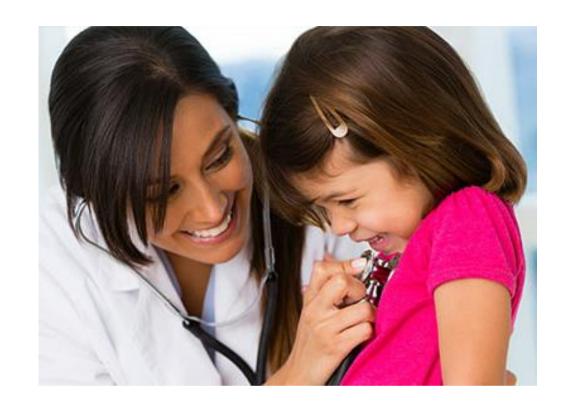
"Anyone can now learn anything from anyone at anytime"

Curtis J Bonk, 2009

Author of `The world is open'







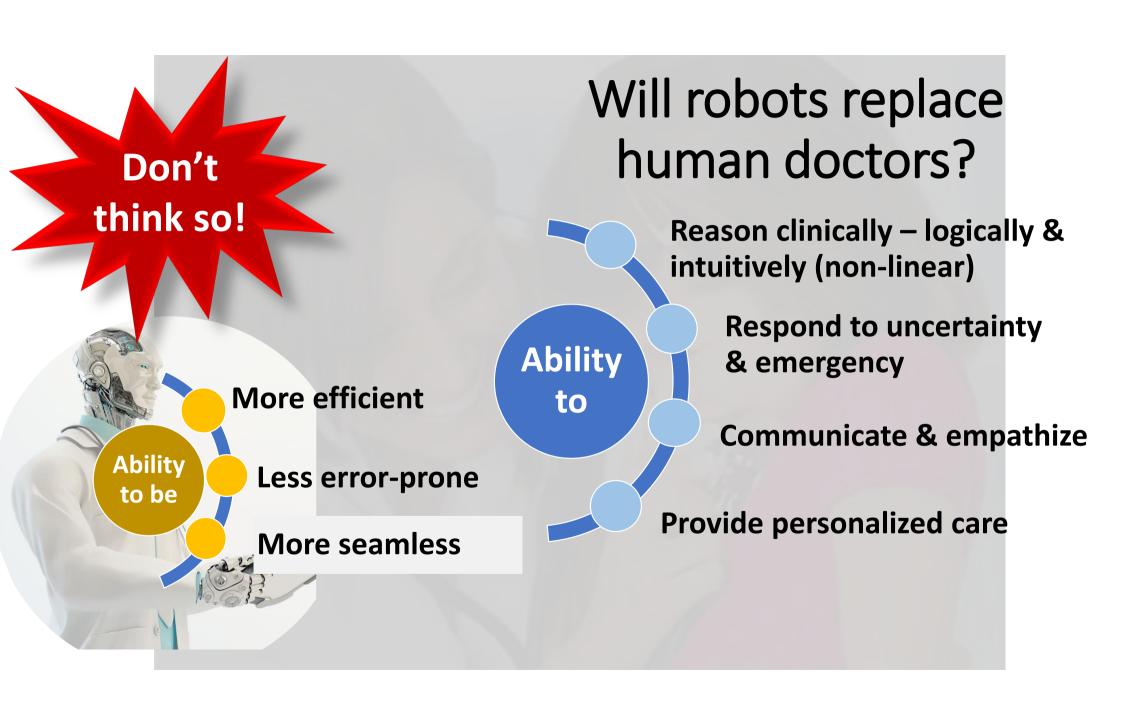
Will artificial intelligence replace human doctors?



Are you willing to be treated by Doctor Robot & Nurse Sophia?





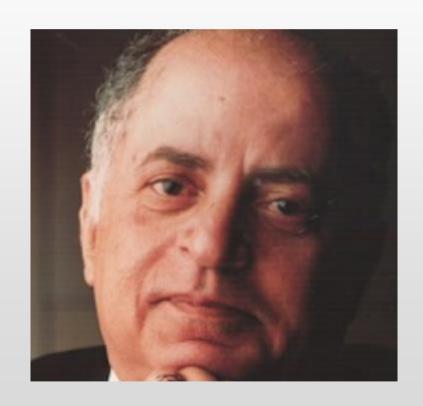


Professor Mahmoud Fathalla FIGO President 1994 - 1997

"Unfortunately, the pride in the application of scientific knowledge and biomedical technology is now creating an "emotional" gap in the care of patients.

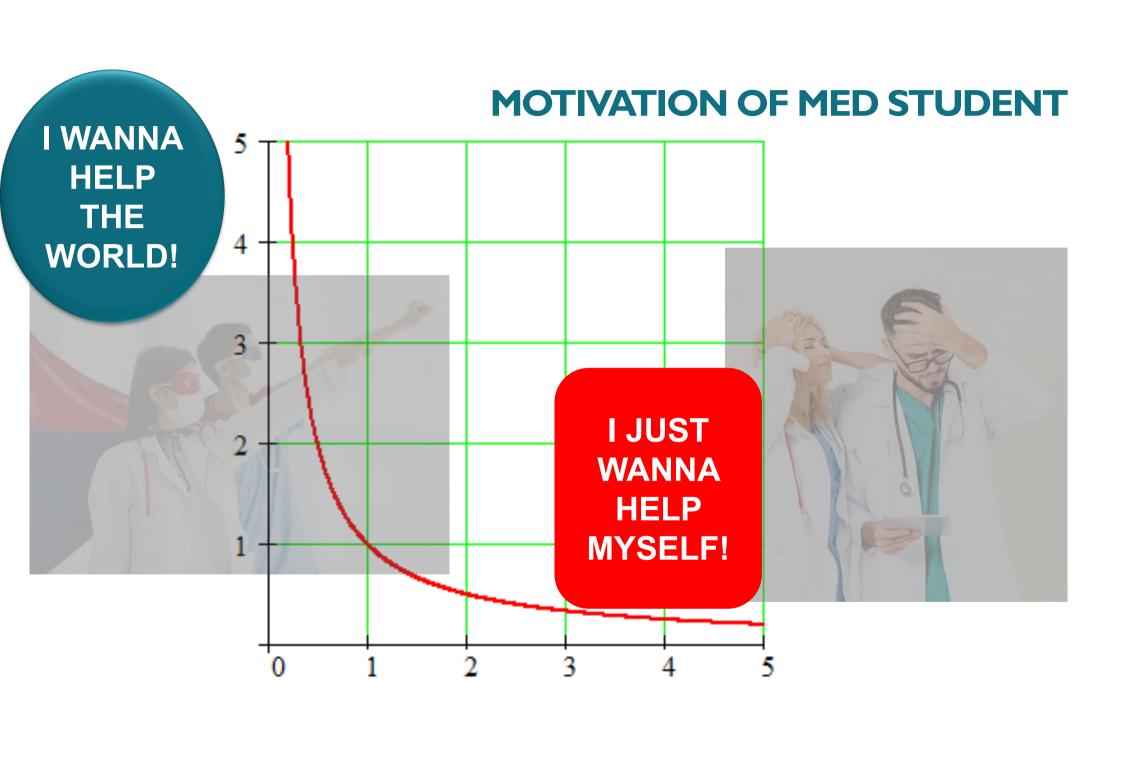
Machines now stand between physicians and their patients.

The humane physician is becoming an endangered species."





Main Challenge



Educating Health Professionals for the 21st century

Frameworks of core medical competencies



Leader in the Fourth Industrial Revolution (IR 4.0)



- For humans to survive the automation revolution, we need to double down on our humanity.
- ➤ Communication, emotional intelligence, creativity, critical thinking, collaboration, and cognitive flexibility will become the most sought-after abilities.
- ➤ To prepare for that future, we need to emphasize developing higher-order thinking and emotional skills.
- ➤ 3 basic ideas for improving your prospects in the future of work learn to tell stories, boost your creativity, learn how to sell.

-Quartz Ideas, August 2017



Critical Collaboration **Thinking** Creativity (Innovation) **Communication**

Leader in the Fourth Industrial Revolution (IR 4.0)

"We need leaders who are emotionally intelligent, and able to model and champion co-operative working.

They'll coach, rather than command; they'll be driven by empathy, not ego.

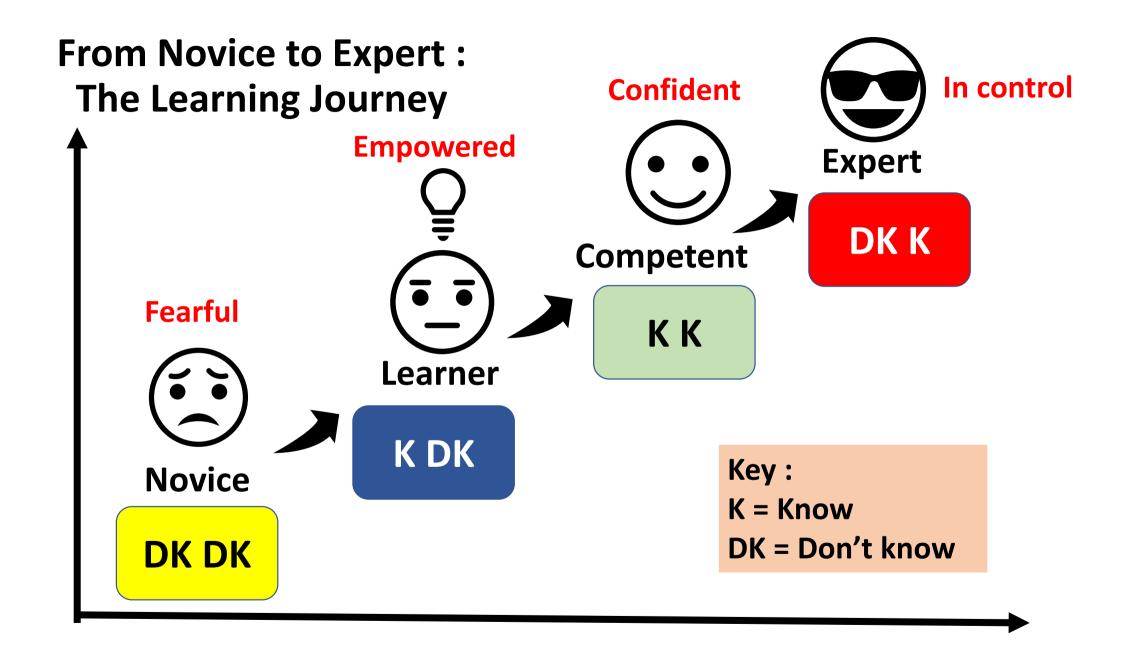
The digital revolution needs a different, more human kind of leadership."



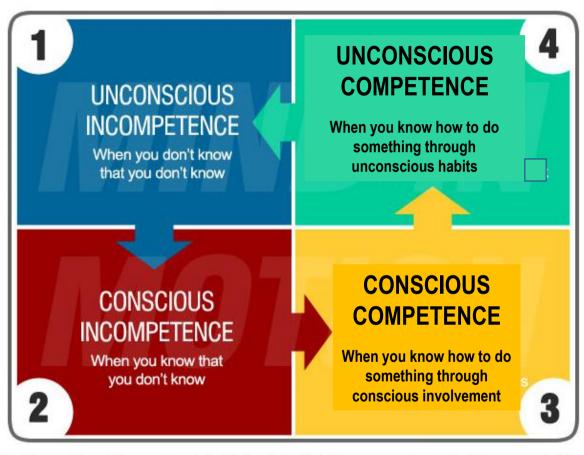
Prof. Klaus Schwab, Founder WEF (Jan 2018)

From Novice to
Expert:
The Learning
Journey





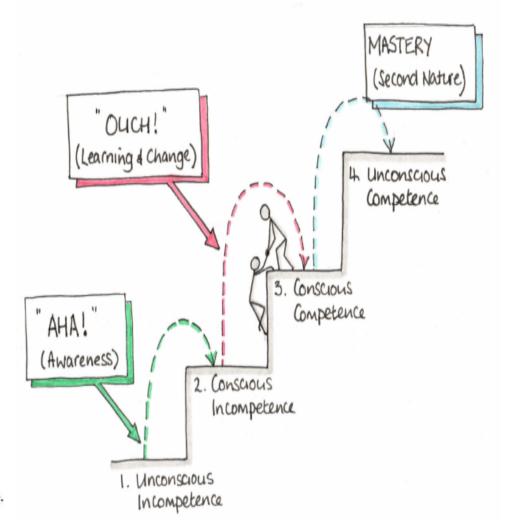
The 4 Stages of Learning Anything



Practice and persistance coupled with the belief that if one person can do it, you can do it too.

This is a sure-fire way for change!

Mind in Motion NLP Life Coaching - www.mindinmotion.co.za



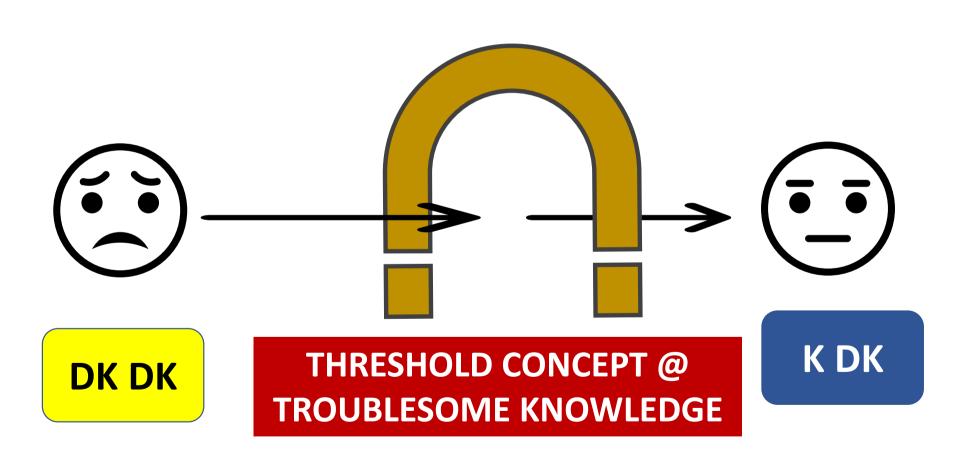


Examining the Self

William Taylor's Reflective Competence Model



How do we as educators, facilitate NOVICES to progress to LEARNER stage?



Threshold Concepts and Troublesome Knowledge

A Transformative Approach to Learning



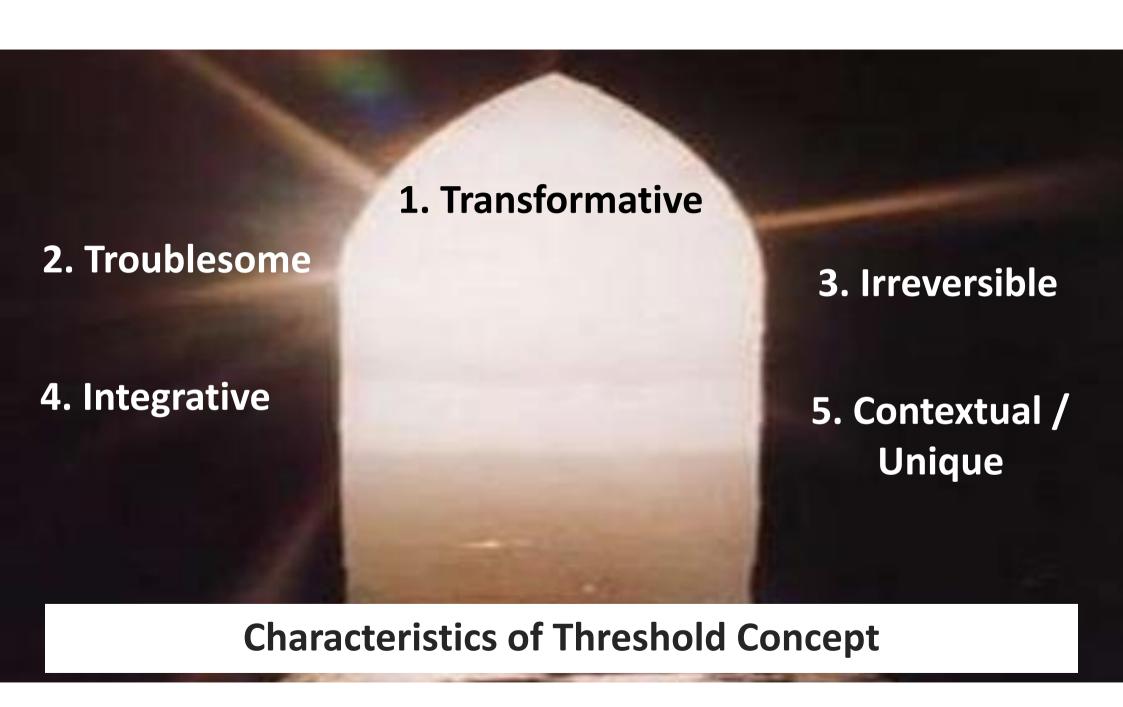
Ray Land, University of Strathclyde, Glasgow

Lancaster Ed Res May 13 2009

Threshold Concept (Ray 2003)

Akin to **a portal**, opening up a new and previously inaccessible way of thinking about something.

Represents a transformed way of understanding, or interpreting, or viewing something without which the learner cannot progress.



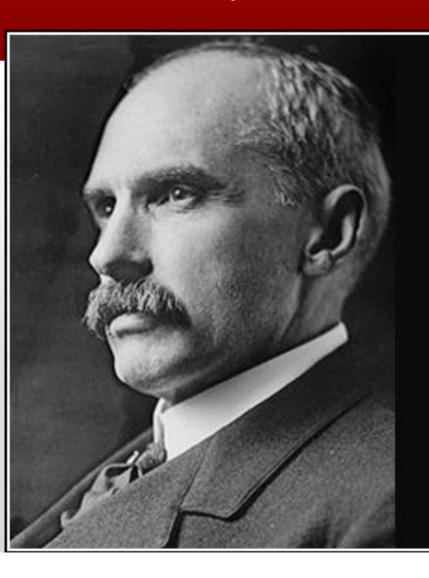
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Quote: John Cotton Dana



Who dares to teach must never cease to learn.

— John Cotton Dana —

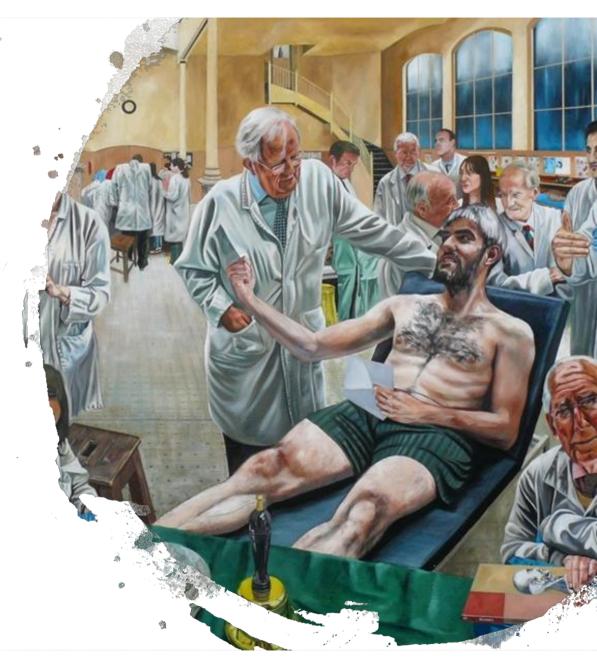
AZ QUOTES

CLINICIAN EDUCATOR

DEFINITION:

A clinician active in health professional practice who applies theory to education practice, engages in education scholarship, and serves as a consultant to other health professionals on education issues.

Sherbino J, Frank JR, Snell L. Defining the key roles and competencies of the clinician-educator of the 21st century: a national mixed-methods study. *Acad Med.* 2014;89(5):783-789.



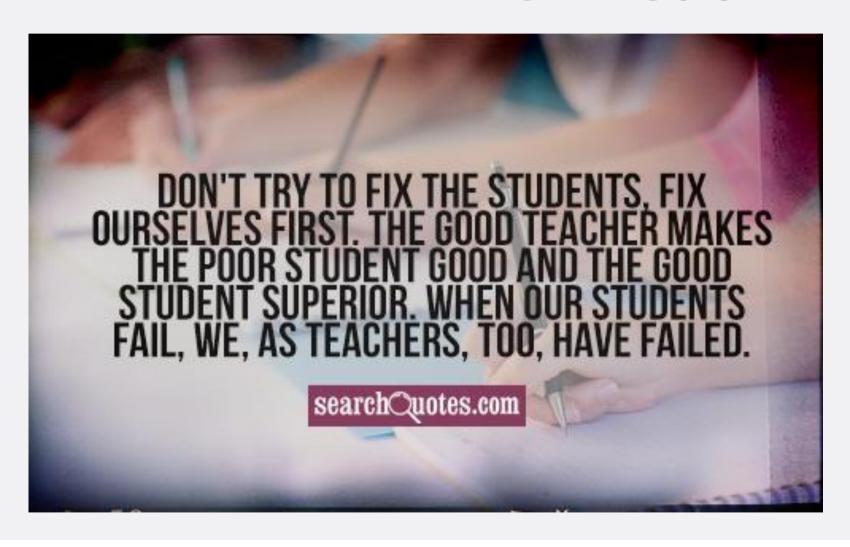
21st Century: Changes in Educator's Roles

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From:	To:
Transmitter of knowledge	Guide & Facilitator of knowledge
Controller of learning	Creator of learning environment
Always experts	Collaborator & Co-Learner
Learning to use ICT	Using ICT to enhance learning
Didactic / Expository	Interactive / Experiential / Exploratory

https://www.slideshare.net/GunjanVerma14/innovative-strategies-in-education-61321068

The Wisdom



What are the qualities of an effective 21st Century Educator?

"Guide on the side" not a "sage on the stage"

- Anticipates the future.
- 2. Is a lifelong learner.
- 3. Fosters peer relationships.
- Can teach and assess all levels of learners.
- Is able to discern effective vs. noneffective technology.

Meris Stansbury



The Profile of a Modern Teacher

21st century teachers are not experts in technology they are experts in habits of mind.

In a rapidly changing educational landscape, modern educators:

Choose to be vulnerable

See themselves as co-learners, not teachers Allow themselves to fail, often Don't wait until they're experts to introduce something

Move into their students' world, even if it's foreign territory

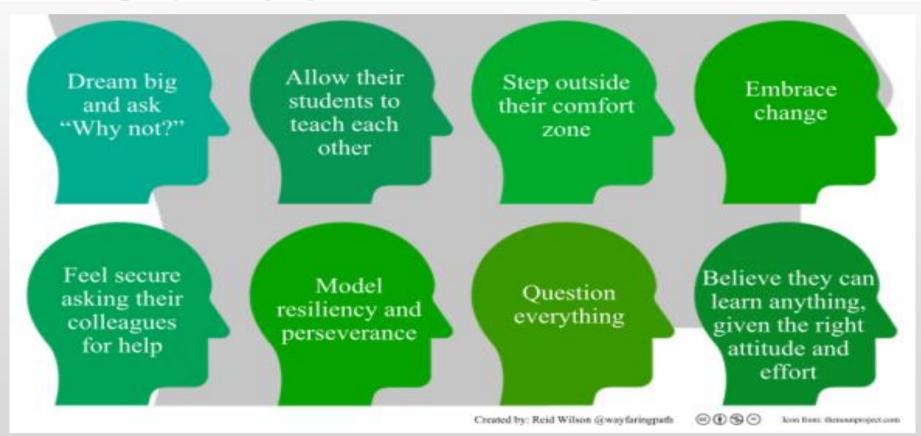
Run towards their area of weakness, not away from it Are comfortable not knowing what is going to happen

Invite mistakes into their lives

The Profile of a Modern Teacher

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In a rapidly changing educational landscape, modern educators:



21st CENTURY TEACHERS as CO-LEARNERS



CLINICIAN EDUCATOR'S QUALITIES VALUED BY STUDENTS

PERSONALITY

- Helpful, caring, warm, emphatic
- Humorous, flexible and fair
- Dependable, consistent
- Enthusiastic, motivated
- Respectful

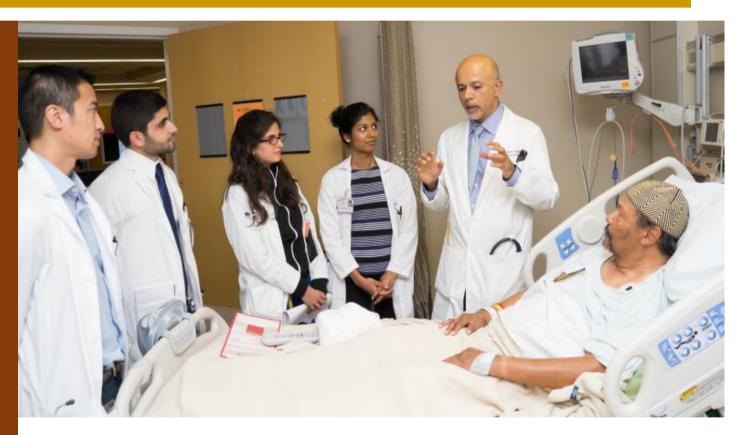


http://www.nursing.umn.edu/nursprec/precept_importance.htm

CLINICIAN EDUCATOR'S QUALITIES VALUED BY STUDENTS

COMMITED TO TEACHING & LEARNING

- Enjoy teaching
- Eager to continue learning (life long learning)
- Committed to students
- Willing to work with beginners & novices



http://www.nursing.umn.edu/nursprec/precept_importance.htm

CLINICIAN EDUCATOR'S QUALITIES VALUED BY STUDENTS

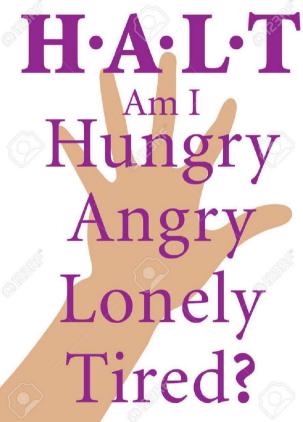
LEADERSHIP & INTERPERSONAL COMPETENCIES

- Good role model
- *Effective communication* skills
- Have respect for peers
- Able to deal with conflicts
- Involved in agency and community



http://www.nursing.umn.edu/nursprec/precept_importance.htm







Before engaging in any self destructive behavior... ask yourself.

Are you:

Hungry

When did I last eat?
Is my hunger emotional or does my body need food?
If your body is asking for food, find something nutritious to snack on.

Angry

What's are you dealing with right now that is stressful? Is the stress what's making you angry?

Find out way you're angry and find ways to diffuse that anger.

Lonely

When is the last time you socialized?

Was it a positive or negative experience?

Reach out to your support system. Let them to help you.

Tired

Have I been getting enough rest and giving my body the breaks it needs?

How can you energize yourself? Take some time to yourself and relax.

RECOVERYISBEAUTIFUL.TUMBLR.COM



E.L.I.X.I.R for Educator 4.0

Definition

A magical potion @ a medical potion designed to cure

R

E.L.I.X.I.R for Educator 4.0

- **E** Exemplary Role model, walk the talk
- 3 L Life long learning Co-learner, not just teacher
 - Irreplaceable Unique, outstanding
 - X Excellent always strive for the best
 - Integrity Zero tolerance to plagiarism & cheating
 - Reflective continuous self improvement