





One Health: Principle & Critical skills for youth



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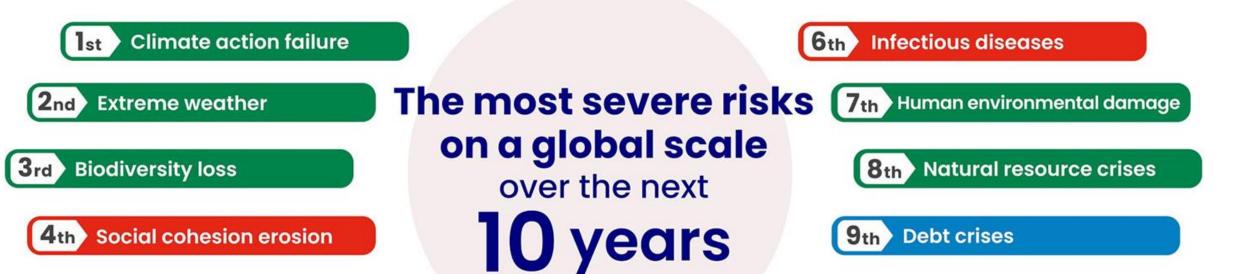












Economic Environmental Geopolitical Societal Technological

Source: World Economic Forum Global Risks Perception Survey 2021-2022





Livelihood crises















Geoeconomic confrontation





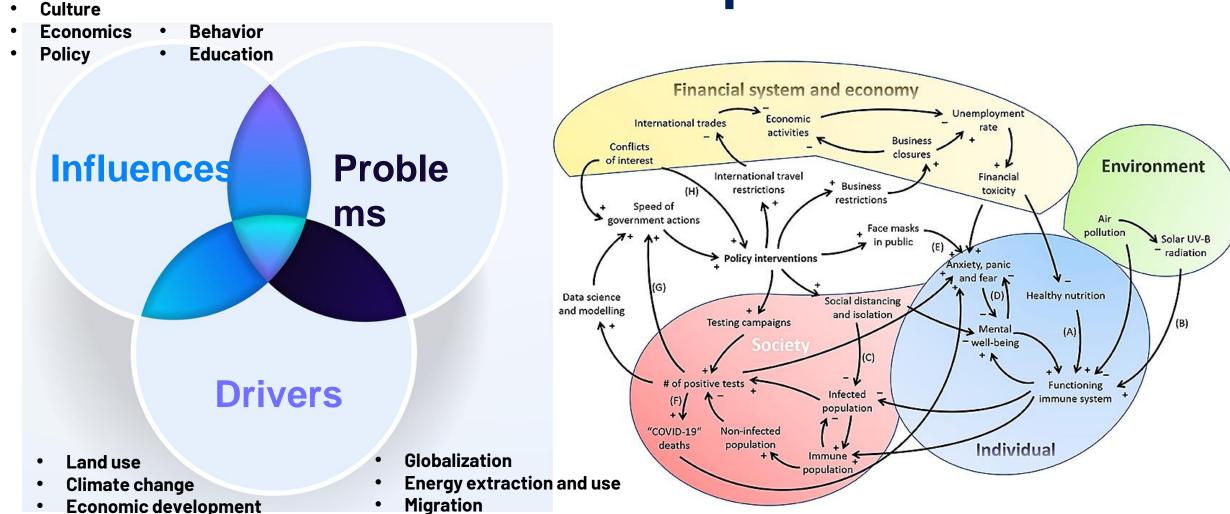








Nature of wicked problems



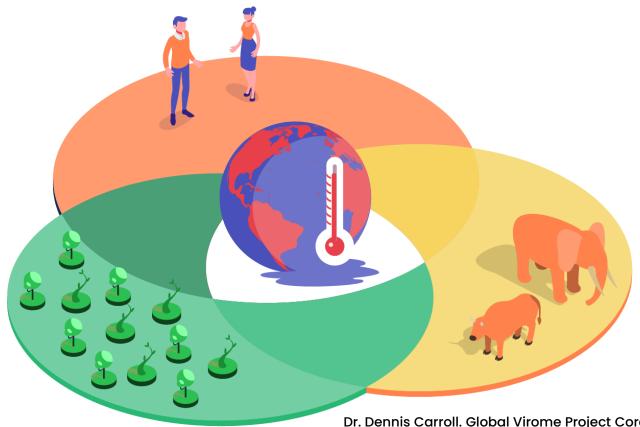












One Health Concept

The One Health concept recognize the interrelationship between animal, human, environmental health

Dr. Dennis Carroll. Global Virome Project Core Team. Six Mega-Trends and Their Implications for "Global Health" in the 21st Century.





















Chronic diseases, mental health, injury, occupational health, and non-communicable diseases

can benefit from a One Health approach involving collaboration across disciplines and sectors.



Antimicrobial-resistant germs

can quickly spread through communities, the food supply, healthcare facilities, and the environment (soil, water), making it harder to treat certain infections in animals and people.

Contamination of water

used for drinking, recreation, and more can make people and animals sick.



One Health issues



Vector-borne diseases

are on the rise with warmer temperatures and expanded mosquito and tick habitats.

Diseases in food animals

can threaten supplies, livelihoods, and economies.





The human-animal bond

can help improve mental well-being

One Health issues include zoonotic diseases, neglected tropical diseases, vector-borne diseases, antimicrobial resistance, food safety and food security, environmental contamination, climate change and other health threats shared by people, animals, and the environment.

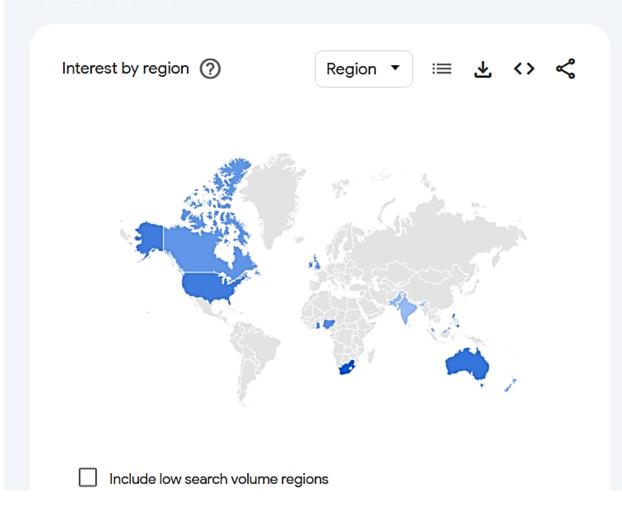
One Health Basics | One Health | CDC

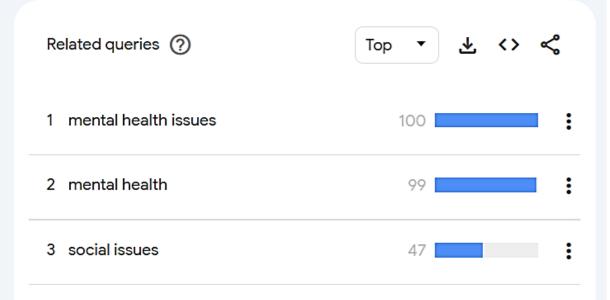






school issues





https://trends.google.com/trends/



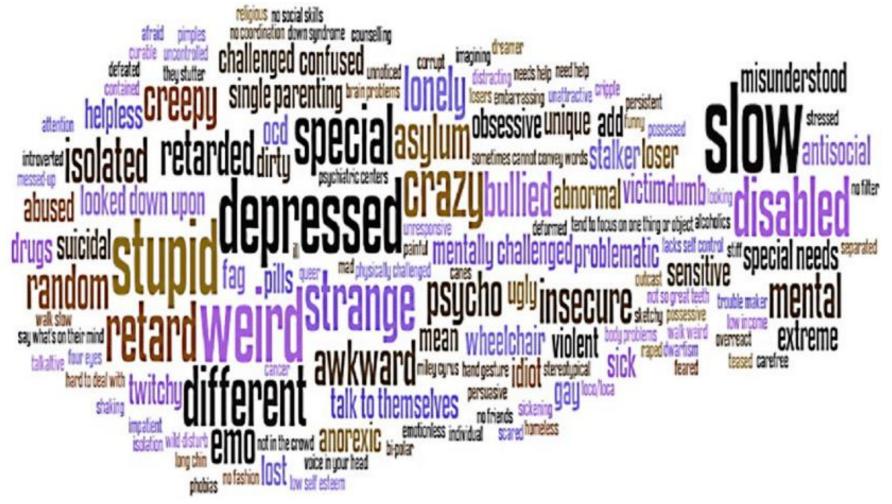








Youth Perspective towards mental illness



Ke S, Lai J, Sun T, Yang MM, Wang JC, Austin J. Healthy young minds: the effects of a 1-hour classroom workshop on mental illness stigma in high school students. Community Ment Health J. 2015 Apr;51(3):329-37. doi: 10.1007/s10597-014-9763-2.











VUCA to BANI era





A-Ambiguity

I-Incomprehensible





















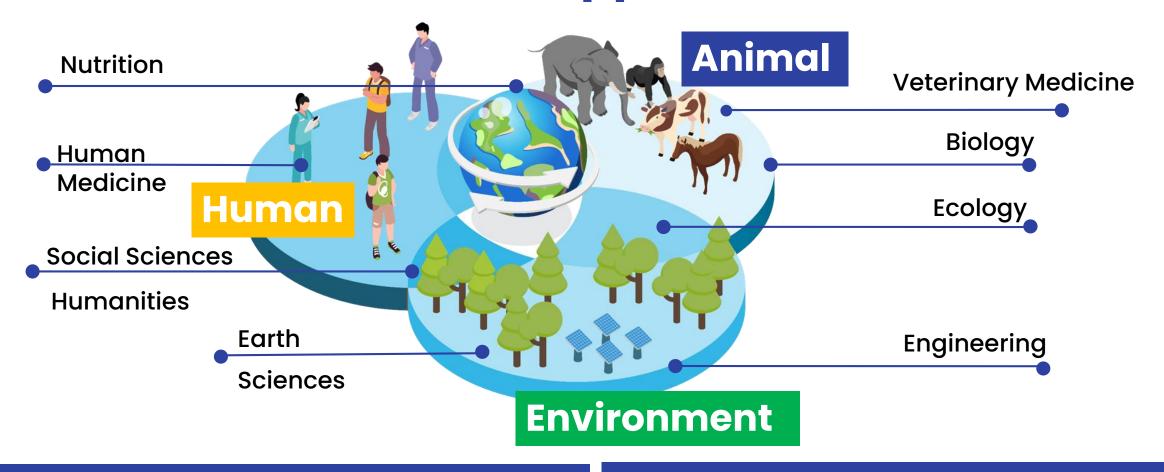


World Disruption

Opportunity



One Health Approach



The collaborative effort of multiple disciplines working locally, nationally, and globally to attain optimal health for people, animals and the environment.

(By The American Veterinary Medical

Approach as the integration of a multi-sector approach to public health objectives (EPT-USAID)











Workforce Development













One Health Competencies Life-long skills

Sets of knowledge, skills and attitude that are required for a workforce who could collaboratively work with multiple disciplines and sectors at locally, nationally, and globally to attain optimal health for people, animals and the environment, and the skills that are crucial for survival in VUCA/BANI era.













21st-Century Skills

Foundational Literacies

How students apply core skills to everyday tasks



1. Literacy



2. Numeracy



3. Scientific literacy



4. ICT literacy



Financial literacy



Cultural and civic literacy

Competencies

How students approach complex challenges



Critical thinking/ problem-solving



8. Creativity



9. Communication



10. Collaboration



Character Qualities

How students approach their changing environment



11. Curiosity



12. Initiative



13. Persistence/ grit



14. Adaptability



15. Leadership



Social and cultural awareness Creativity & Innovation







Lifelong Learning

Skills needed for survival in the fast-paced disruptive world

Leaders



Communication



Fearlessness



Urgency



Strategic mindset



Collaboration



Empathy





Workforce



Learning agility

Ability and willingness to learn and apply knowledge & skills to unfamiliar situation. A Harvard Business "Improve your ability to learn" calls out Innovating, Performing, Reflecting and Risking.



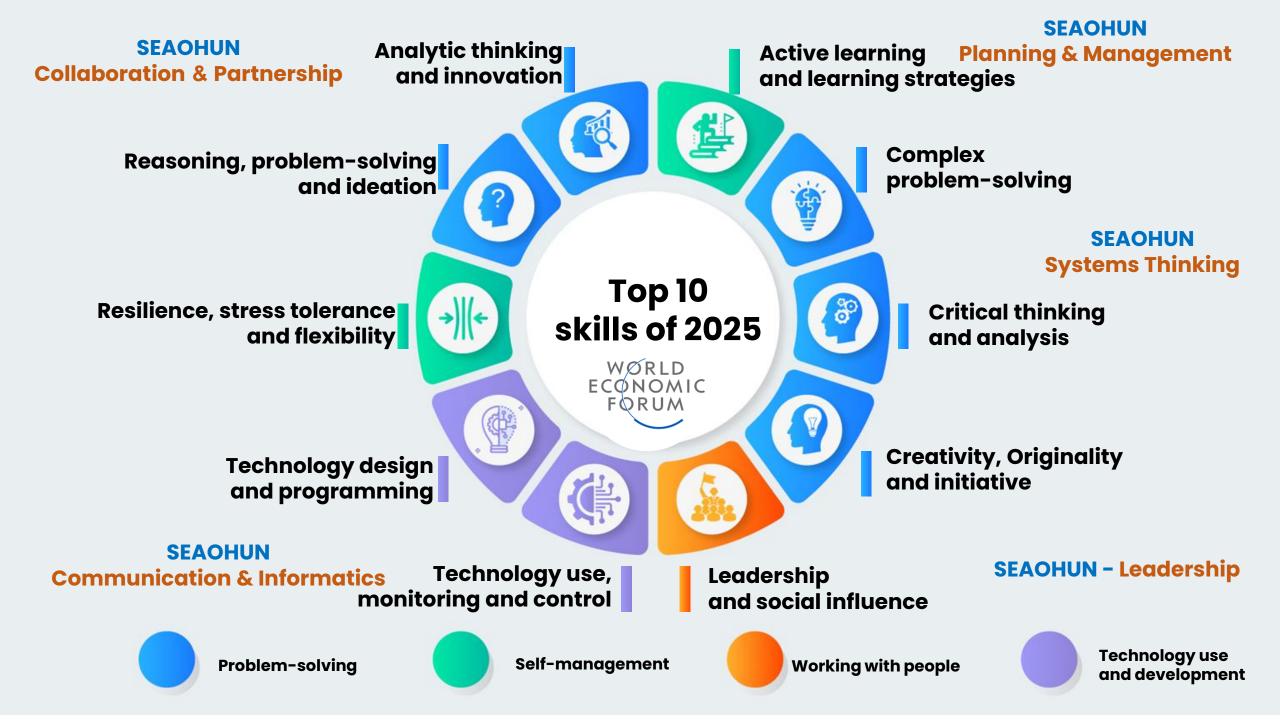
Resilience

Ability enables one to bounce back when knocked down by life by practice cognitive reframing, avoid the victimization mindset, meditate.



Grounded optimism

An optimistic and realistic outlook. Be mindful and focus on the positive













The Most In-demand skills in Finance & Accounting



Management



Financial analysis



Analytical skills





Customer service



ကိုသို့ Teamwork



Communication



Research



Leadership



Financial reporting

The 2023 Most In-demand **Hard skills**

- Software Development
- Structured Query Language (SQL): programming language used for managing and manipulating relational databases
- Finance
- Python (Programming Language)
- Java
- **Data Analysis**
- JavaScript
- **Cloud Computing**
- **Operations**
- Customer relationship management

Top 10-job skills for the future? | World Economic Forum(weforum.org)



50% of employees need reskilling by 2025, as adoption of technology increases (The World Economic Forum's Future of Jobs Report).

Employers said that **Critical thinking** and **problem-solving** are the top skills required in the next five years.





Skills in self-management; active learning, resilience, tolerance and flexibility to stress are newly emerged in 2023.

40% of workers require reskilling within six months or less.













Time needed to start building new skills online in jobs of tomorrow



THOHUM

Thailand One Health University Network

The multidisciplinary expert network of 16 universities formed to foster the One Health concept and actions to secure health of Thai society

KEY ACHIEVEMENTS



Student education

Supported training of 486 students, ensuring next generation of professionals from medical sciences, public health, veterinary medicine, environmental science, and other disciplines have the skills, characteristics and mindset to apply the One Health approach at their researches and works.

New curricula

Developed and strengthened

One Health-focused training curricula to enhance the education of professionals, Village Health Volunteers and community members across the country for years to come



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Faculty development

Trained One Health trainers and developed a toolkit for planning, design and assessment of competency-based education/training for faculty members.

Student engagement

Established Student One Health Ambassadors for peer to peer training of students and community voluntary-based learning to foster innovation, advocacy, and learning for different types of learners across the country.





COVID-19 response.

Developed platforms and educational programs for healthcare personnel and VHVs to increase capacity in multisectoral coordination and risk communication, and surveillance, prevention and response of rabies and COVID-19 in Thailand.

OUR IMPACT AREAS



Partnering with national and international organizations



Serving as
One Health literacy resource



Providing of One Health education and training services in Thailand and the region

OUR NETWORK



14 Thai leading Universities



83 Faculties



6,607 Individuals trained in One Health topics









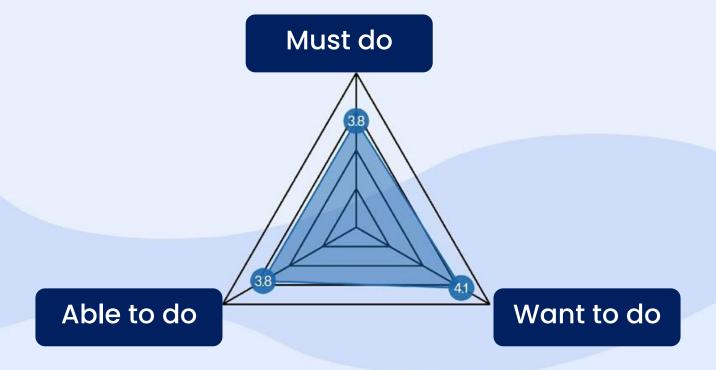




Steps to develop Critical Thinking



Self-Assessment working style





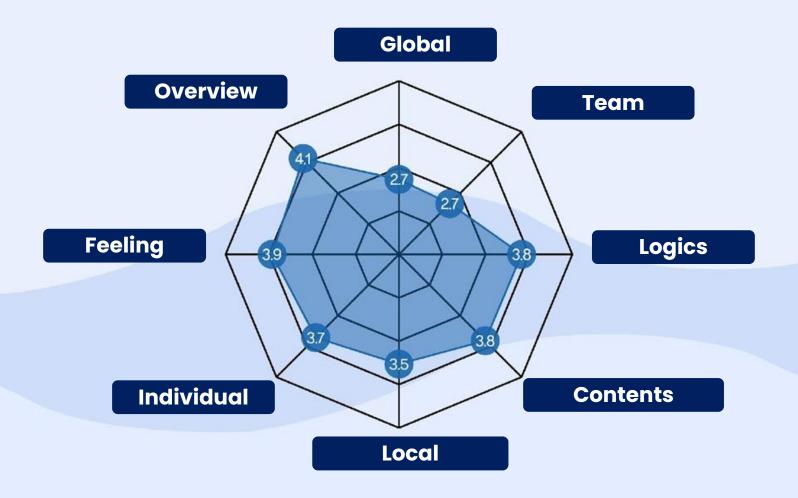








Self-Assessment working style













Emotional intelligence has two aspects:

One inward facing and one outward facing. The first of these is your emotional self-awareness and your ability to manage your own emotions. The second is your degree of empathy, or awareness of others emotions, and your ability to productively Manage relationships with others. Both inward-and outward-facing aspects of emotional intelligence are made up of A number of skills or competencies

Managing emotions

The four competencies of emotional intelligence

Relationship Management

- Development of others
- Inspirational leadership
- Influence
- Communication
- Effecting change
- Conflic management
- Bond building

Social Awareness

Empathy

Teamwork and collaboration

INWARD COMPETENCIES



Organizational awareness

Service orientation

Self-Management

- Emotional self-control
- Trustworthiness
- Conscientiousness
- Achievement orientation
- Adaptability
- Optimism
- Initiative

Self-awareness

- Emotional self-awareness
- Accurate selfassessment
- Self-confidence



Home Ne

News & Updates

Programs

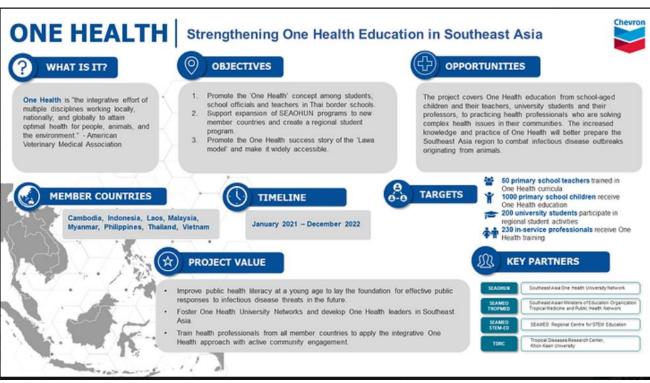
OH Education

SEAOHWA

Nurturing Child Well-being through One Health Education



In a groundbreaking partnership between SEAMEO TROPMED Network, SEAMEO Regional Centre for STEM Education (STEM-ED), Southeast Asia One Health University Network (SEAOHUN), and Chevron, the "Promoting One Health Education in Thai Border School" project has achieved remarkable success.



Nurturing Child Well-being through One Health Education (SEAOHUN.org)



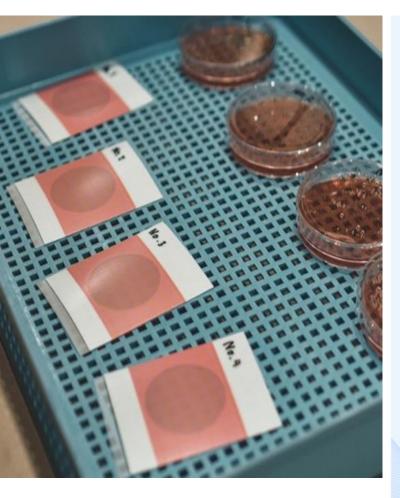


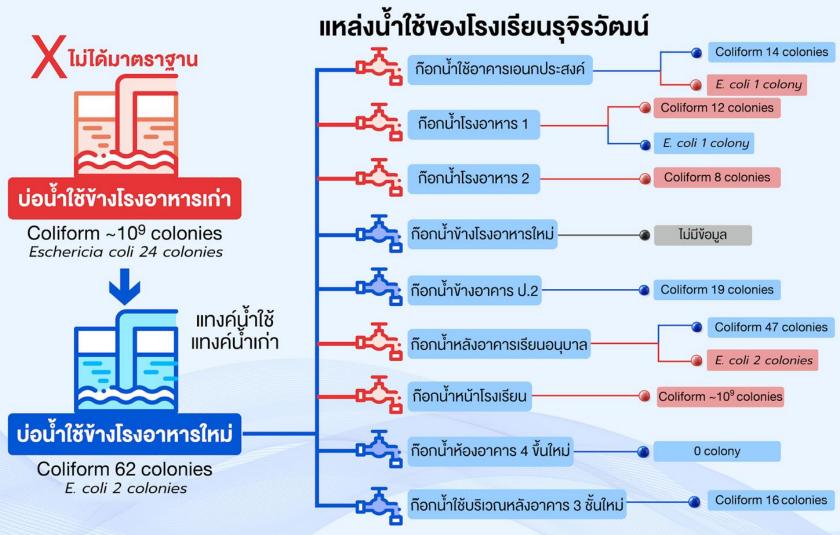






School-based Training: Systems Thinking & Problem solving

















Activity-based & Participative learning











Peer to Peer Peer Training

Student One Health Camp Aug 1 - 2, 2020 In Songkhla















Thailand One Health University Network

Intro

Thailand One Health University Network or THOHUN

- Page · Non-Governmental Organization (NGO)
- THOHUN- National Coordinating Office,9th FL, Tranakchit Harinasuta building, 420/6 Ratchawithi Road, Bangkok, 10400, Bangkok, Thailand, Bangkok
- 02 354 4189

https://www.facebook.com/Thailand One Health University Network

Student One Health Voluntary Activity, 3-4 April 2023. Bangsaen, Chonburi province















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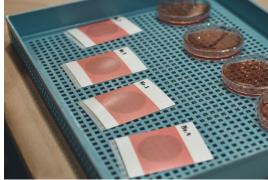
ONE HEALTH – BASED LEARNING OR ON-JOB TRAINING

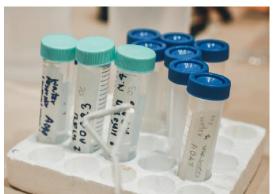
Laboratory Investigation



Water Quality Assessments

Technical skills on the quality assessments of water were transferred to students such as water sampling methods from the surface, deep, drinking water, and their physical and chemical properties of water, including their biological testing.





Vector-Borne Disease

The procedures on mosquito adult trapping, mosquito larval survey and mosquito identification were provided previously through e-learning modules. On-site, participants, set up traps, placed their traps around the training venue and collected them in the following day. Participants practised on mosquito identification using a mosquito guide book and guidance from the instructors.



Diagnosis of Helminthic

Common human and animal helminths were demonstrated by microscopy. Participants practised on helminthic and protozoal detection by microscopy using direct stool smear and Kato thick sample methods with identification keys provided as posters, and handbooks.















Challenge

Virtual or blended learning allow learners to repeat listening and re-reading knowledge many times as they want, and easy to access and spend less budget and effort to learn...



Despite of well design, most of learners believe that the virtual activities could neither gain their experience and skills nor friendship and partnership as the activity and field based learning.











THANK YOU FOR YOUR ATTENTION









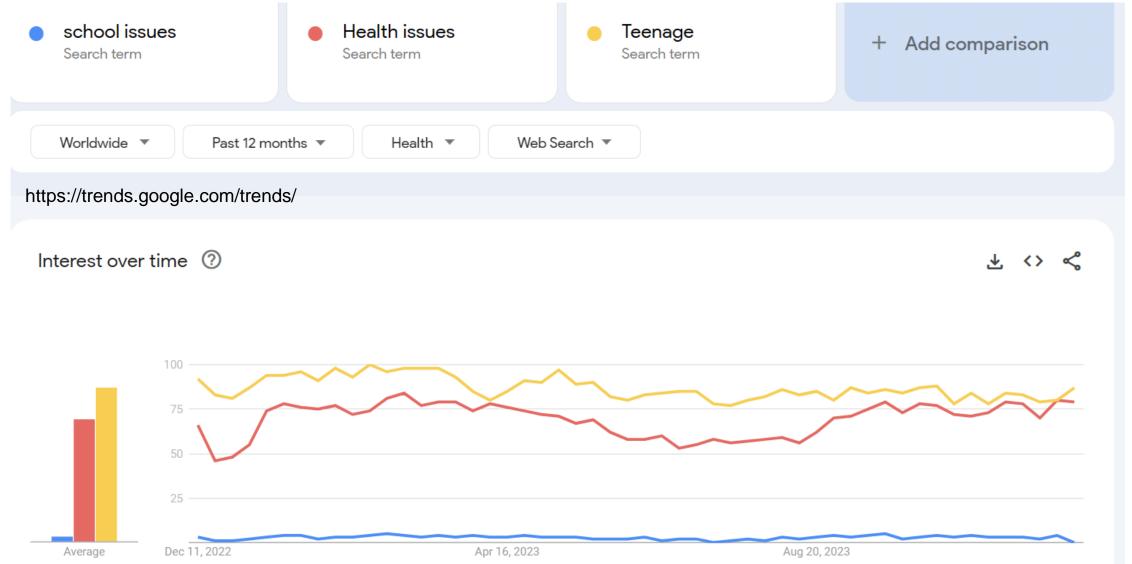








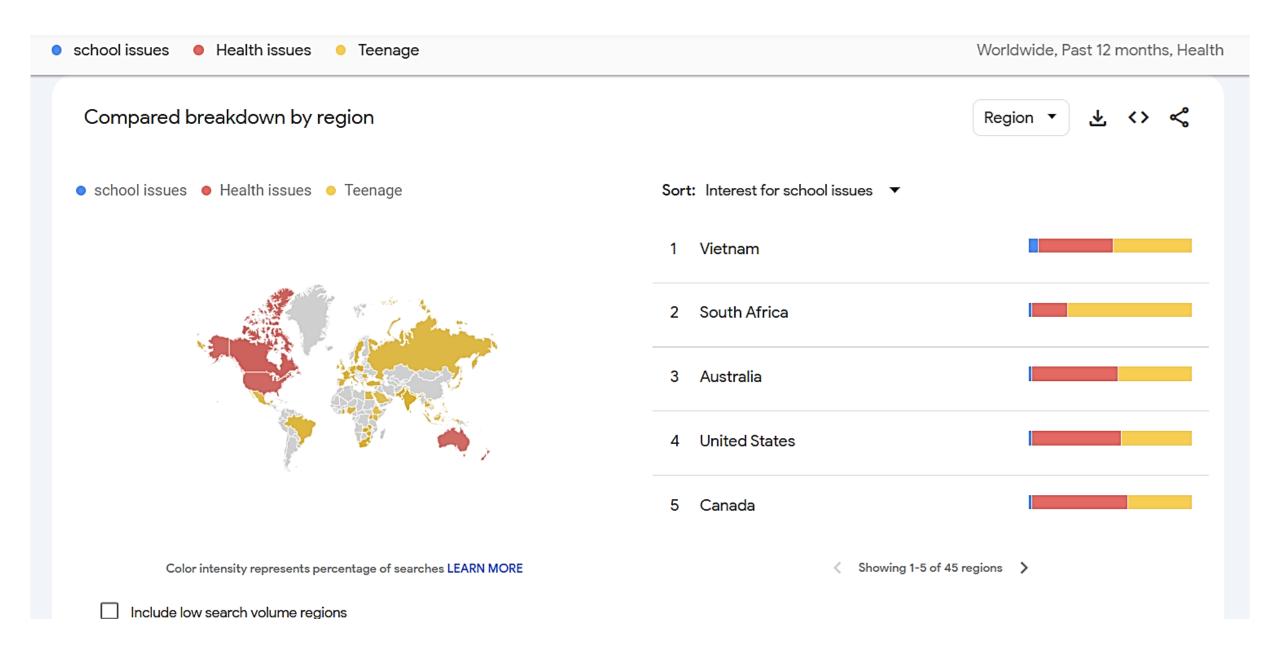
People interests related to youth













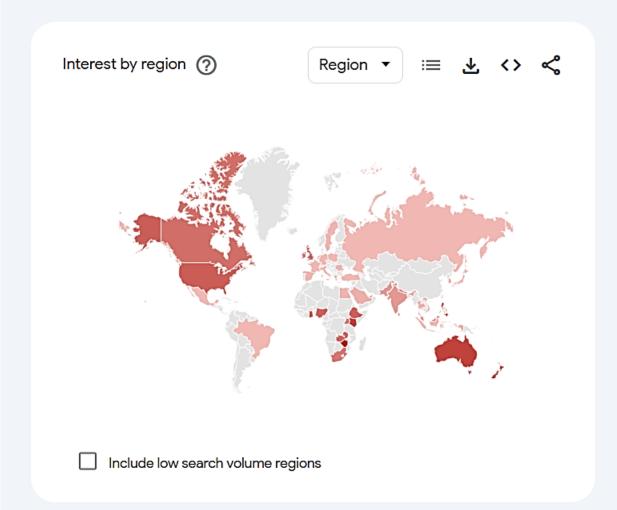








Health issues



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2 khanzaadi health issues	Breakout
3 drake health issues	Breakout
4 exacerbated health issues meaning	Breakout
5 chris hemsworth health issues	Breakout
Showing 1-5 of 21 queries >	











Teenage

