

Critical thinking Problem solving & Decision making

Presenter: Vu Nguyen – YNU - EGO Club

Brainstorming Questions:

- ❖ What is your master plan of life?
- ❖ Where should we work after graduation?
- ❖ Which research topics should we conduct?
- ❖ Should we study Japanese when being in Japan?
- ❖ Should we save money when when we are young or travel as much as we can to discover many parts of Japan or the world?
- ❖ Which computer language to study?
- ❖ Should we work part-time while being at graduate school?
- ❖ Should we go to gyms?

What are your strategies to problem solving/ decision making

Step 1:

Step 2:

Step 3:

Step 4:

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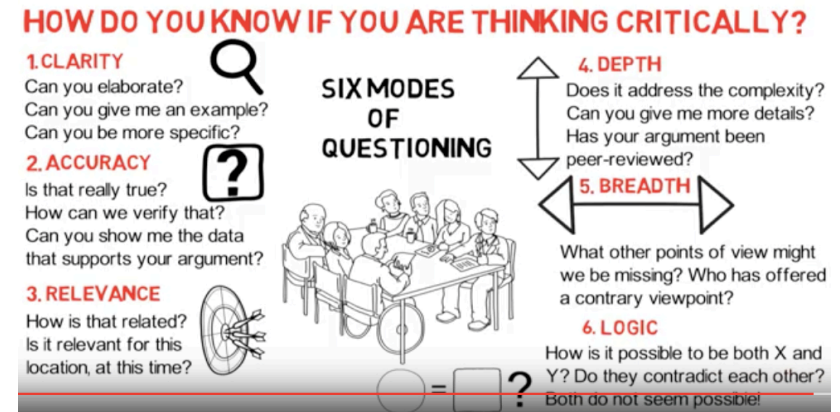
Critical thinking with advices:

<https://www.youtube.com/watch?v=uMFgrHXetSM>

- a. Seek for advices
- b. Weight strength, weakness of every options
- c. Accumulation & investigation of evidence

New students:

Bicycles: secondhand/new, mountain-bike, electricity bike?
Accommodation: share-house, OOKA, apartment, "danchi"



Critical thinking when getting information:

<https://www.youtube.com/watch?v=GzV1pNQUX5s>

- To clear away the confusion, ask yourself:
 - Who said that?
 - Is that source reliable?
 - Do you have data supporting that claim?
 - Has that been scientifically proven?
 - Are you qualified to speak on this topic?
 - Do you have a personal stake in this issue?

Activities for critical thinking:

**“Tell me and I forget, teach me and I may remember,
evolve me and I will learn”**

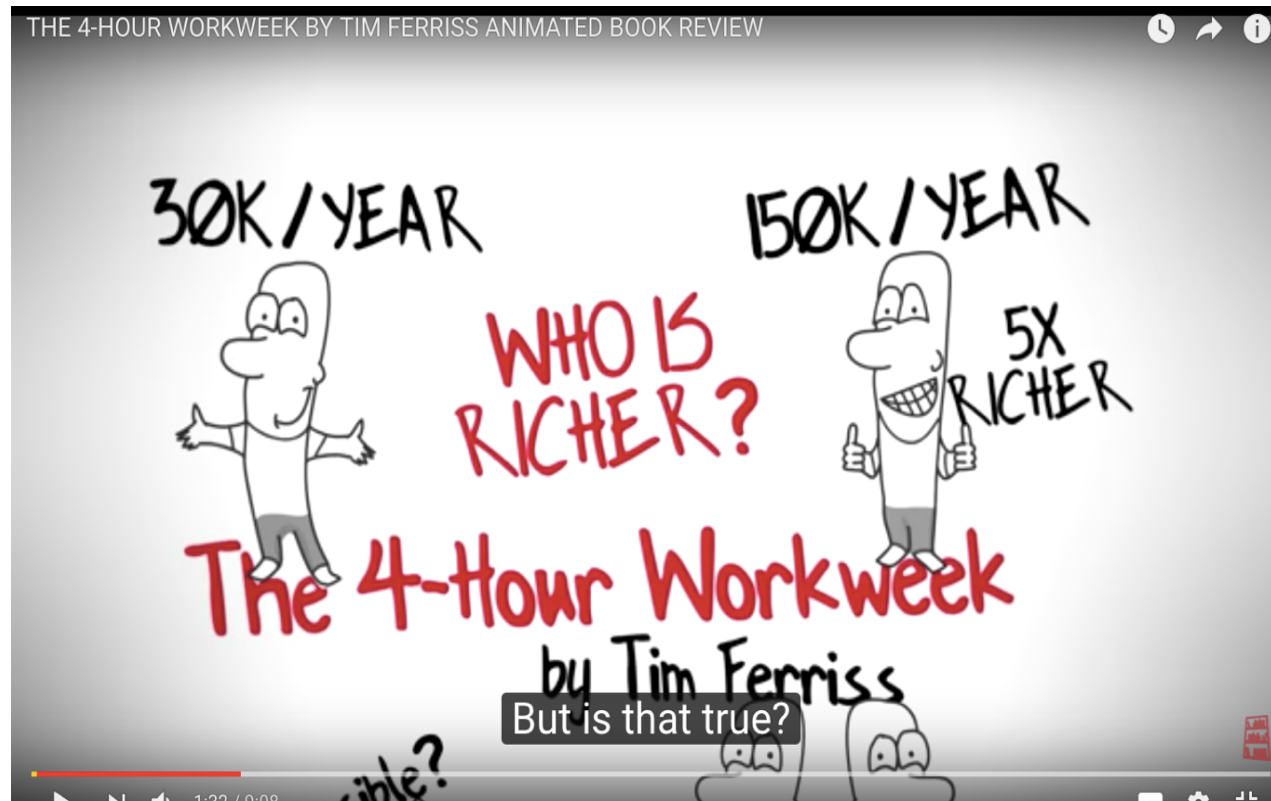
Students are involved by thinking more deeply about what they are learning, they use higher order thinking skills: solve problem, brainstorm, compare & contrast, categorize.

- Activity 1: Who is richer: annual income 30k or 150k USD?
- Activity 2: Is Vietnamese tax high?
- Activity 2: Đợt kích quán bar (Swoop bar club?)
- Activity 3: A large amount of 10 scores in national entrance examination
- Activity 4: Is Vietnamese tax high?

Activity 1:

A and B have annual income 30k and 150 k USD/years. Who is richer?

<https://www.youtube.com/watch?v=j3TeLsaKzAM>



Activity 2:

Is Vietnamese tax higher or lower than other countries?

https://www.youtube.com/watch?v=pikrUdMeAl4&index=10&list=PLbdPnnndI72By_se1MsoL7KkOXe1ORqYk

What are the critical thinking steps that he used?

(his own judgment, finding information to support his judgement, compare with information from different sources to confirm)

Do you think that he is good at critical thinking? What can help him to improve his critical thinking skill?

This guy is good in the way that he accepted criticism from the others and improve himself. He wasn't got angry and got crazy when others claimed his analysis. He was very skillfull about softskill but still had a mistake when analyzing the results. He has audience to encourage him find more explanation/solution.

Activity 3: Kinder garden problem

<https://www.youtube.com/watch?v=hPil44XEKgs&list=PLG0im2-n6wDL16gAXtoFpi6yh3mPijeQp&index=2>

Vietnamese school's toilets are dirty => Solution?

(Japanese school students need to clean toilet by themselves)

Should not complain, should find a solution instead

Should not complain they there are so many people unkind to us. Even at work or at school. They do not have the obligation to be good to us. Instead, we should be grateful when someone is good to us.

Life is a series of problem-solving day. When problems comes, it is normal. We need to be ready to solve problem.

Activity 4:

A large number (4230) of 10 scores in the national university entrance examination

https://www.youtube.com/watch?v=9jbrCdENMSY&list=PLbdPnnndI72By_se1MsoL7KkOXe1ORqYk&index=9

Do you agree or disagree with Dr. Dung's idea?

Should students be “học sinh giỏi” in Vietnam?

In which way should our testing system be improved?

Activity 5:

Đột kích quán bar

<http://nld.com.vn/thoi-su-trong-nuoc/dot-kich-2-quan-bar-cho-tiep-vien-phuc-vu-khach-thau-dem-20170723112608507.htm>

- Be aware when reading newspapers, especially Vietnamese ones. Using critical thinking skills when reading newspapers. Most of Vietnamese papers do not consist of good information, or knowlege. Only to know what is going on in Vietnam
- Read Japanese / English newspapers to make you smarter!
- Follow good Vietnamese Facebookers: Tuan Van Nguyen, Tony Buoï Sang,... Good website: <http://science-technology.vn/>
- Japanese newspaper can teach you: how to prepare for your child when you go back to your parents' house,...

Activity 6:

Bạn có thực sự hiểu % nói lên điều gì? GDP Việt Nam tăng 7%/năm; GDP của Mỹ tăng 1.5%: có nghĩa gì? Từ 2008 đến 2016 số điểm ngập của Tp.HCM giảm 50%: nghĩa là gì?

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Activity 7:

Bạn có thực sự hiểu % nói lên điều gì? GDP Việt Nam tăng 7%/năm; GDP của Mỹ tăng 1.5%: có nghĩa gì? Từ 2008 đến 2016 số điểm ngập của Tp.HCM giảm 50%: nghĩa là gì?

Activity 8:

Is milk good for our health?

<https://www.youtube.com/watch?v=i3bKQO4Zu70>

Critical thinking for problem solving:

Step 1: Really understand your purpose

Step 2: Collect all of the possible information / advice. The more information you have, the better decision you can make. Need to find out which information you need to collect? Time will teach us this skill, the more we practice, the more we understand

Step 3: Analysis: Categorize, Compare, contrast

Step 4: Evaluate to make decisions that best for you

Step 5: Check the reflection and improve it if possible: Maybe the other people's advice is not really suitable for you, you need to change it

Obstacles to critical thinking:

<https://www.youtube.com/watch?v=i3bKQO4Zu70>