Developing and improving critical thinking skills

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24 August 2017
Postgraduate Forum
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Something to think about -

Thinking about ...

THINKING

?!?

Uhmm ...
MR. BEAN
ROWAN ATKINSON
DIED!
2012
2013
2017
Thinking: the talking of the soul with itself
- Plato –

I cannot teach anybody anything. I can only make them think.
- Socrates -

To find yourself, think for yourself
- Socrates –

Cognito ergo sum (I think, therefore I am)
- Descartes -

Critico ergo sum (I am critical, therefore I am)

... ... ...
I need to be a critical (academic) thinker
What is critical thinking?

Critical thinking is a term used by educators to describe forms of learning, thought, and analysis that go beyond the memorization and recall of information and facts.

In common usage, critical thinking is an umbrella term that may be applied to many different forms of learning acquisition or to a wide variety of thought processes.

In its most basic expression, critical thinking occurs when students are -

- analyzing,
- evaluating,
- interpreting, or
- synthesizing information

and applying creative thought to -

- form an argument,
- solve a problem,
- or reach a conclusion.

http://edglossary.org/critical-thinking/
What is critical thinking?

Critical thinking is the intellectually disciplined process of actively and skillfully -
  • conceptualizing,
  • applying,
  • analyzing,
  • synthesizing, and/or
  • evaluating
information gathered from, or generated by,
  • observation,
  • experience,
  • reflection,
  • reasoning, or
  • communication,
as a guide to belief and action.

http://www.criticalthinking.org/pages/defining-critical-thinking/766
What is critical thinking?

Critical thinking is –
the ability to think
• clearly and
• rationally,
• understanding the logical connection between ideas.

https://www.skillsyouneed.com/learn/critical-thinking.html
• Knowledge
• Comprehension
• Analysis
• Application
• Synthesis
• Evaluation

➢ Remember (I know)
➢ Understand (I comprehend)
➢ Apply (I can use it)
➢ Analyze (I can be logical)
➢ Evaluate (I can judge)
➢ Create (I can plan)
What is Critical Thinking - Chris Shelton

https://www.youtube.com/watch?v=l6gaUNYK5pc
What is critical thinking?

In its exemplary form, it is based on universal intellectual values that transcend subject matter divisions:

• clarity,
• accuracy,
• precision,
• consistency,
• relevance,
• sound evidence,
• good reasons,
• depth,
• breadth, and
• fairness.

http://www.criticalthinking.org/pages/defining-critical-thinking/766
Someone with critical thinking skills can:

- Understand the links between ideas.
- Determine the importance and relevance of arguments and ideas.
- Recognise, build and appraise arguments.
- Identify inconsistencies and errors in reasoning.
- Approach problems in a consistent and systematic way.
- Reflect on the justification of their own assumptions, beliefs and values.

https://www.skillsyouneed.com/learn/critical-thinking.html
A well cultivated critical thinker:

- raises vital questions and problems, formulating them clearly and precisely;
- gathers and assesses relevant information, using abstract ideas to interpret it effectively comes to well-reasoned conclusions and solutions, testing them against relevant criteria and standards;
- thinks openmindedly within alternative systems of thought, recognizing and assessing, as need be, their assumptions, implications, and practical consequences; and
- communicates effectively with others in figuring out solutions to complex problems.

http://www.criticalthinking.org/pages/defining-critical-thinking/766
Critical Thinking Skills - David Satir

https://www.youtube.com/watch?v=D-wpp64brLk
Critical Thinking Strategies:

1. COMPARE : Explain similarities
2. CONTRAST : Explain differences
3. ANALYZE : Break into parts
4. CATEGORIZE : Identify type
5. EVALUATE : Tell the value / worth (Good / bad)

www.youtube.com/watch?v=D-wpp64brLk
SUGGESTED READING:
Lamott, Anne. 1995. Bird by Bird: Some instructions on writing and life

A – Action
B – Background
D – Development
C – Climax
E – Ending
“You’re the best teacher I’ve ever had. You opened my eyes to the world and showed me how to think critically... I was happy until I met you.”
YOU HAVE A BRAIN

SO USE CRITICAL THINKING

https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcTYOUb5M_yb522o3zBC65ypcvk4TrsHK2pTrlxkpcbEuGDCF8KZ7Q