

MIPACT

Multi - Purpose Assessment of Critical Thinking





The function of education is to teach one to think intensively and to think critically

Martin Luther King

Critical thinking is the preeminent skill for the 21st century

American Association of Colleges and Universities

Since we don't know with any certainty what specific aptitudes today's students will need tomorrow, we need to ensure they have the critical thinking and problem-solving abilities that extend beyond any one technology or program

Eric Adams



Authentic input

Fully standardized

Online on-demand

Assesses real-world needs

Trustworthy and reliable

Convenient



Assessing Evidence



Argument Evaluation



Critical thinking sub-skills

Critical Numeracy



Perspective Taking



Assessing Evidence



(Source: <https://www.consumer.vic.gov.au>)

While deciding whether this message is real or fake, which of the following pieces of evidence did you use? You can select **one to three** options.

1. The sender is not available in person.
2. The sender demands up-front payment.
3. An online money transfer is required.
4. There is a demand for urgent action.
5. Serious consequences are likely if no action is taken.
6. There is no contact number.
7. The sender's email ID is linked to the organization's website.
8. The message contains the telephone number of the customer service center.
9. Suggested action can be taken either online or in person.
10. The sender suggests the steps to get into their company webpage.
11. The message highlights the long inactivity of the customer.
12. The sender provides a web link for more detailed info in the message.
13. The email id and the domain are different.
14. There is a demand to access a personal computer.

Argument Evaluation

The following pieces of evidence are extracted from the above text. Some of them encourage the public to believe in the natural origin of the Coronavirus, and some of them discourage the public from believing in the natural origin of the Coronavirus. Check the appropriate option.

1. Chinese official claims the coronavirus was brought to China by U.S. soldiers

-- Select --



2. Article shared by Chinese official about the virus originating in the U.S. is deleted

-- Select --

3. Article author, Ms. Fang Feng, claims U.S. germ laboratory was shut down

A. Encourages the public to trust that the virus was developed naturally

B. Discourages the public to trust that the virus was developed naturally

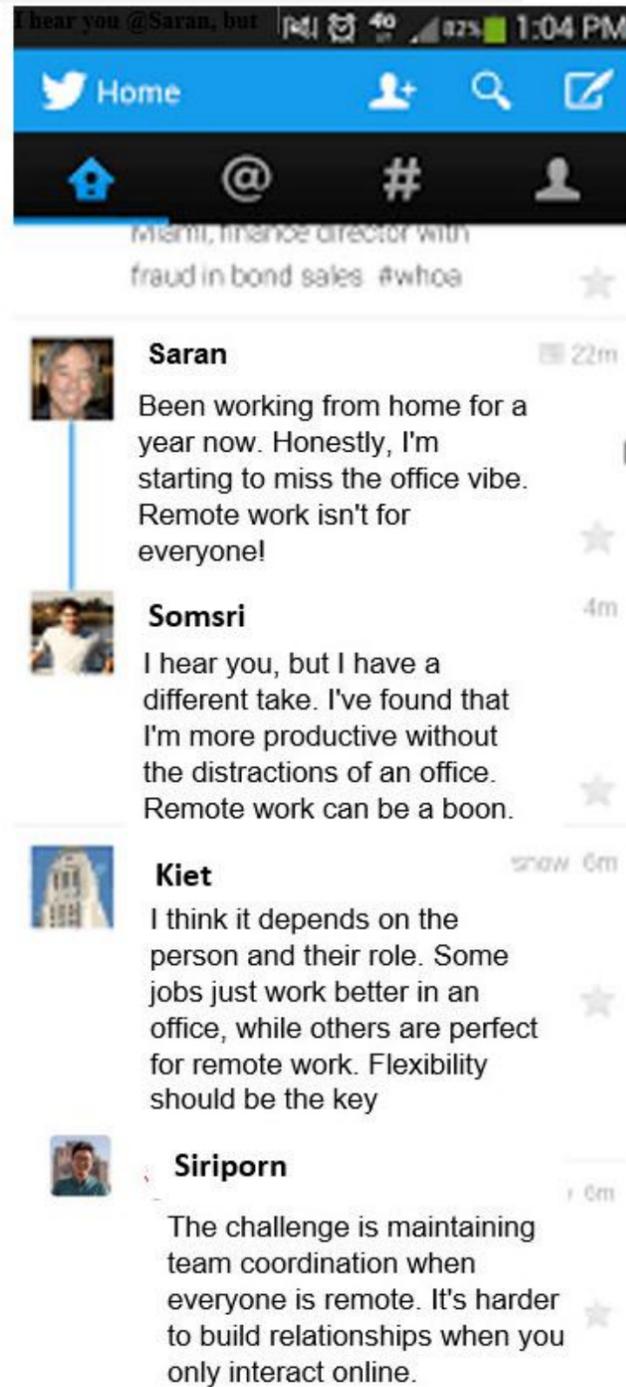
4. NYT report claims research at the U.S. germ lab suspended but not shut down

Critical Numeracy

	Virus disease	Year Identified	Number of Infected Cases	Number of Deaths	Number of Countries with Cases
1	Marberg	1967	1000	800	11
2	Hendra	1994	10	6	1
3	SARS	2002	8,000	720	9

Which virus infected patient is most likely to survive?

Perspective Taking



1. Which individual's tweet implies that a change in management strategies might be needed if a company were to shift completely to remote work?
 - A. Saran
 - B. Somsri
 - C. Kiet
 - D. Siriporn
2. Who seems to share a similar view on remote work as Saran, but with a more flexible approach?
 - A. Saran
 - B. Somsri
 - C. Kiet
 - D. Nattapong

Reporting

6 levels of critical thinking

- Overall level
- Level for each sub-skill

Uses

Educational institutions

- Exit exam
- Diagnostic test

Companies

- Recruitment
- Promotion/placement

Personal

- Diagnostic test





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