



VISIBLE THINKING ROUTINES INTHE ENGLISH LANGUAGE CLASSOOM

EAQUALS Conference 2021 Alex Warren National Geographic Learning





Agenda

What are visible thinking routines?

Why should we use them in the language classroom?

How can I utilise them?



"21st century education is about giving students a set of skills, abilities and knowledge they need to develop in order to succeed in learning, work and life in the information age."

http://21stcenturyskillsbook.com/blog/q-a/



"They are short, easy-to-learn mini-strategies that extend and deepen students' thinking and become part of the structure of everyday classroom life."

Project Zero



What are visible thinking routines?

Thinking Dispositions

Ritchart et al, 2011

- 1. Observing closely & describing
- 2. Building explanations & interpretations
- 3. Reasoning with evidence
- 4. Making connections
- 5. Considering different viewpoints
- & perspectives
- 6. Capturing the heart & forming conclusions
- 7. Wondering & asking questions
- 8. Going below the surface of things









Visible Thinking Routines

CORE THINKING ROUTINES

POSSIBILITIES & ANALOGIES

PERSPECTIVES, CONTROVERSIES & DILEMMAS

OBJECTS & SYSTEMS

PERSPECTIVE TAKING

WITH ART OR OBJECTS

DIGGING DEEPER INTO IDEAS

SYNTHESIZING & EXPLORING IDEAS

INTRODUCING & EXPLORING IDEAS

https://pz.harvard.edu/thinking-routines







"Learning is the outcome of thinking, and as such gaining insights into the ways students think is crucial for teachers, allowing them to alter students' thinking dispositions."

> Caroti, Howell, Kester, Dodgson, 2017





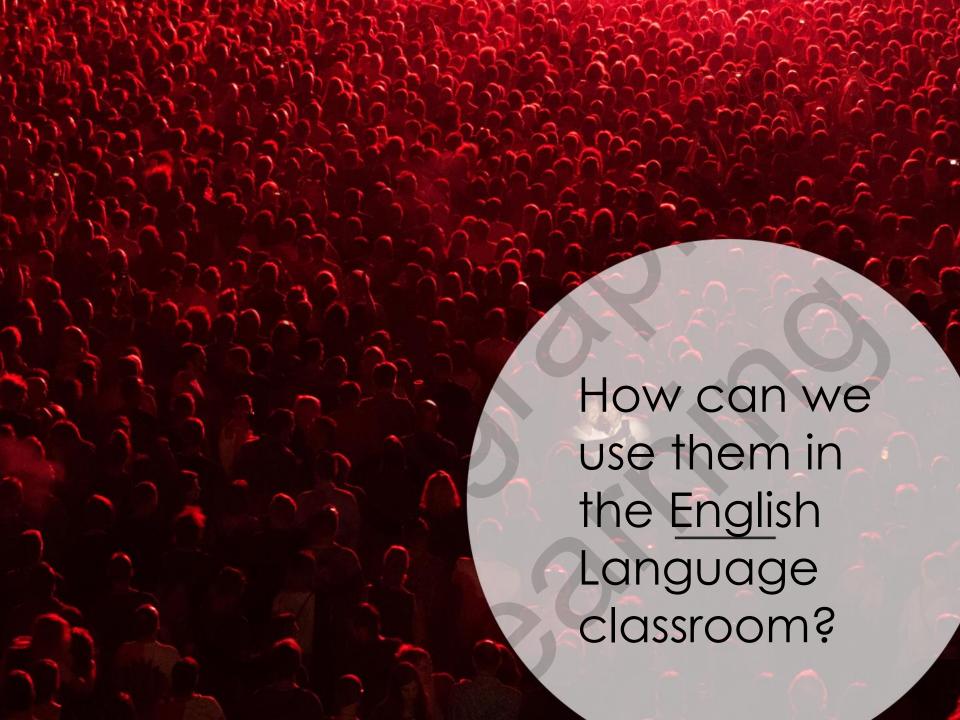
- Development of learners' thinking and learning abilities
- Deeper understanding of content
- Greater motivation for learning
- Development of learners' attitudes to learning
- A shift in classroom culture towards more enthusiastically engaged thinkers and learners
- Facilitates a more inclusive and communicative classroom





"Learning is a consequence of thinking, not something extra we tack on for good measure but something in which we must actively engage to promote our own and others' learning."

> Ron Ritchhart, Creating Cultures of Thinking, 2015









- Talk about the future
 Talk about managing money
 Identify supporting information in a podcast
 Deal with different ways of processing information
 Write a pros and cons essay
- 1 Work in pairs. Discuss the questions 1 Look at the photo. Where is the person in the
 - 2 What is he doing? How do you think he feels?

WATCH >

2 Watch the video. Answer the questions.



- Why do Francisco and Rebecca feel it can be hare to achieve balance in their lives?
- 2 What do they do to try and achieve that balance? Why does Rebecca think it's important to create time for yourself?
- Make connections. Discuss the questions. 1 In what areas of your life do you try to achieve a
- 2 How do you try to achieve this balance?
- 3 Do you have any tips for achieving balance you can

I see...
I think... wonder...



The 3 Whys

- Why might this [topic, question] matter to me?
- 2. Why might it matter to people around me [family, friends, city, nation]?
- 3. Why might it matter to the world?









Voices Pre-Intermediate



Question Starts

Why...?
What are the reasons...?
What if...?
What if we knew...?
What would change if...?
Suppose that...?
How would X be different if...?
What is the purpose of...?





Think, Puzzle, Explore

- 1. What do you think you know about this topic?
- 2. What questions or puzzles do you have?
- 3. What does the topic make you want to explore?





Visible Thinking Routines Post-Reading/Topic





3-2-1

3 things I found interesting

2 things I'd like to know more about

1 thing I'd like to fact check



The 4Cs

Connections

What connections do you draw between the text and your own life or your other learning?

Challenge

What ideas, positions, or assumptions do you want to challenge or argue with in the text?

Concepts

What key concepts or ideas do you think are important and worth holding on to from the text?

Changes

What changes in attitudes, thinking, or action are suggested by the text, either for you or others?





- What does the word routine make you think of? For many of us, it may be an image of doing the same thing day after day - the boredom of repeating the same actions over and over again. However, the reality is that
- a carefully planned routine can support mental health Improve creativity and increase the quality of your work. A routine can also bring a sense of order to daily life and provide a sense of place and purpose - we know where we are and what we have to do next. In 2010, 33 miners 10 were trapped in a mine in Chile after part of the roof
- fell in When they realized there was no way out, team leader Luis Urzúa set up a work and eating schedule for them. Experts agreed that Urzúa's 'encouragement to keep to a routine was a key factor in keeping the miners 15 alive and well until their rescue - 69 days later.

But routines aren't just "helpful for "survival. Artists

- from painter Joan Miró to author Adele Parks have said that a work routine is the key to 'creativity and uccess. If you don't have to think constantly about that to do every day, your mind is free to think about
- set up the right sort of routine. Researchers in the US shower and eat and then rush off to work are missing
- out on the best "creative thinking time of the day

- best approach is to 'set the alarm a few minutes early and lie awake in bed, following our thoughts where they
- lead'. This gives your mind time and space to be creative when you aren't thinking about anything else or rushing
- It would be sunnecessary, though, for all of us to have the same routine - especially in the workplace. Simon Slade, CEO of a digital marketing training company in New Zealand, says that his employees 'have complete control over their personal schedules'. He judges his employees not on the time they put in, but on the work
- an employee organizes them doesn't really matter to me, as long as they are continuing to improve and producing excellent work.' You might think this encourages workers who set their own schedule actually work more
- hours than those whose routine is set by the company - and personally - chosen one not only allows space for creativity and increases productivity, it can also increase comfort and happiness. So, ask yourself: is my
- so daily routine working for me? If not, it may be time to

Stop, Think, Discuss



What did I find most interesting? Why?

Did anything surprise/shock me? Why?

Did anything worry/concern me? Why?

Did anything make me stop and think? Why?

Was there anything I strongly agreed /disagreed with? Why?

Has my view/opinion changed from reading this? Why?

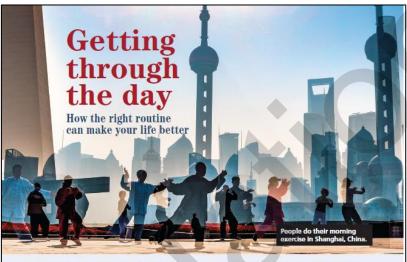


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- •a an employee organizes them doesn't really matter to me, as long as they are continuing to improve and producing excellent work.' You might think this encourages 'laziness, but researchers in Germany found that workers who set their own schedule actually work more
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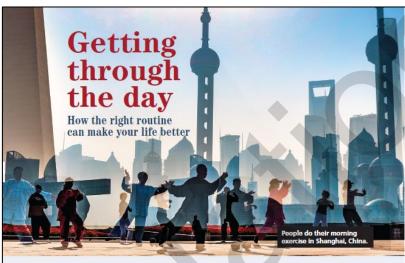
Voices Intermediate

Text analyst

- 1. What is the real meaning and purpose of this text?
- 2. Is the author successful in this?
- 3. If so, how has the author achieved success? It not, how has the author failed or fallen short of their intent?

Dummett & Hughes, 2019





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Voices Intermediate

I Used to Think..

Now I Think...



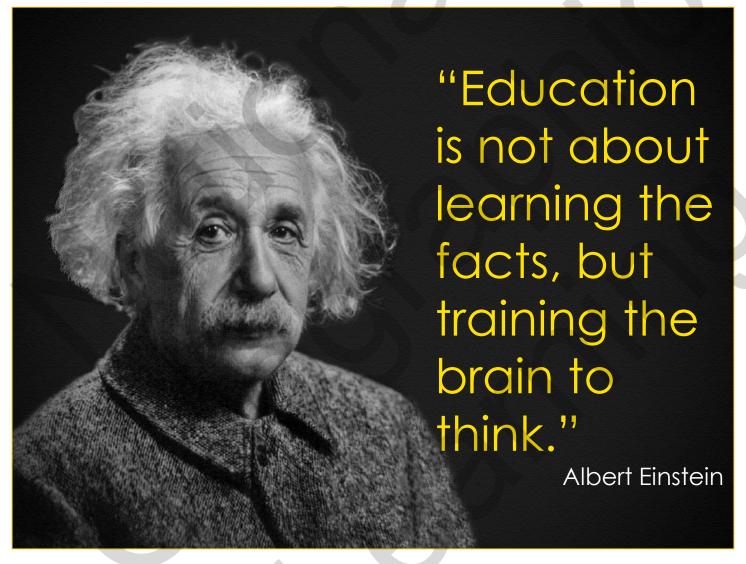


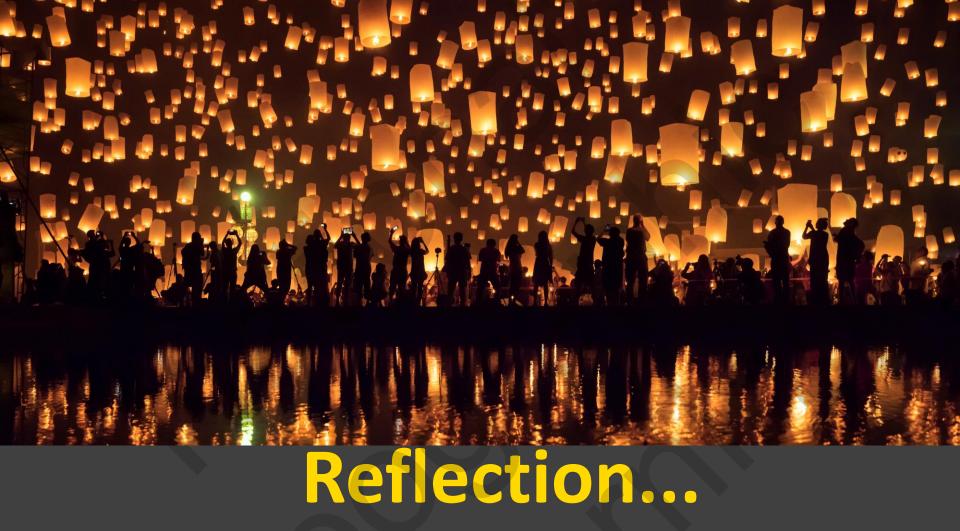
In Conclusion

Use visible thinking routines in the ELT classroom to:

- Develop deeper thinking and analysis
- Drive communication
- Make learning more personalised and meaningful







I Used to Think...

Now I Think...

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