

A circular white frame is centered on a light blue background. The frame is surrounded by a decorative border of botanical illustrations. On the left, there are green leaves, a red leaf, and a branch with small pink flowers. On the right, there are green leaves, a red leaf, and purple flowers. At the top and bottom, there are green fern fronds. The text is centered within the white frame.

Sapphira Talbot-Strettle

VCE Extended Investigation

Welcome to EI





Aims

Learning at CHES

Timeline

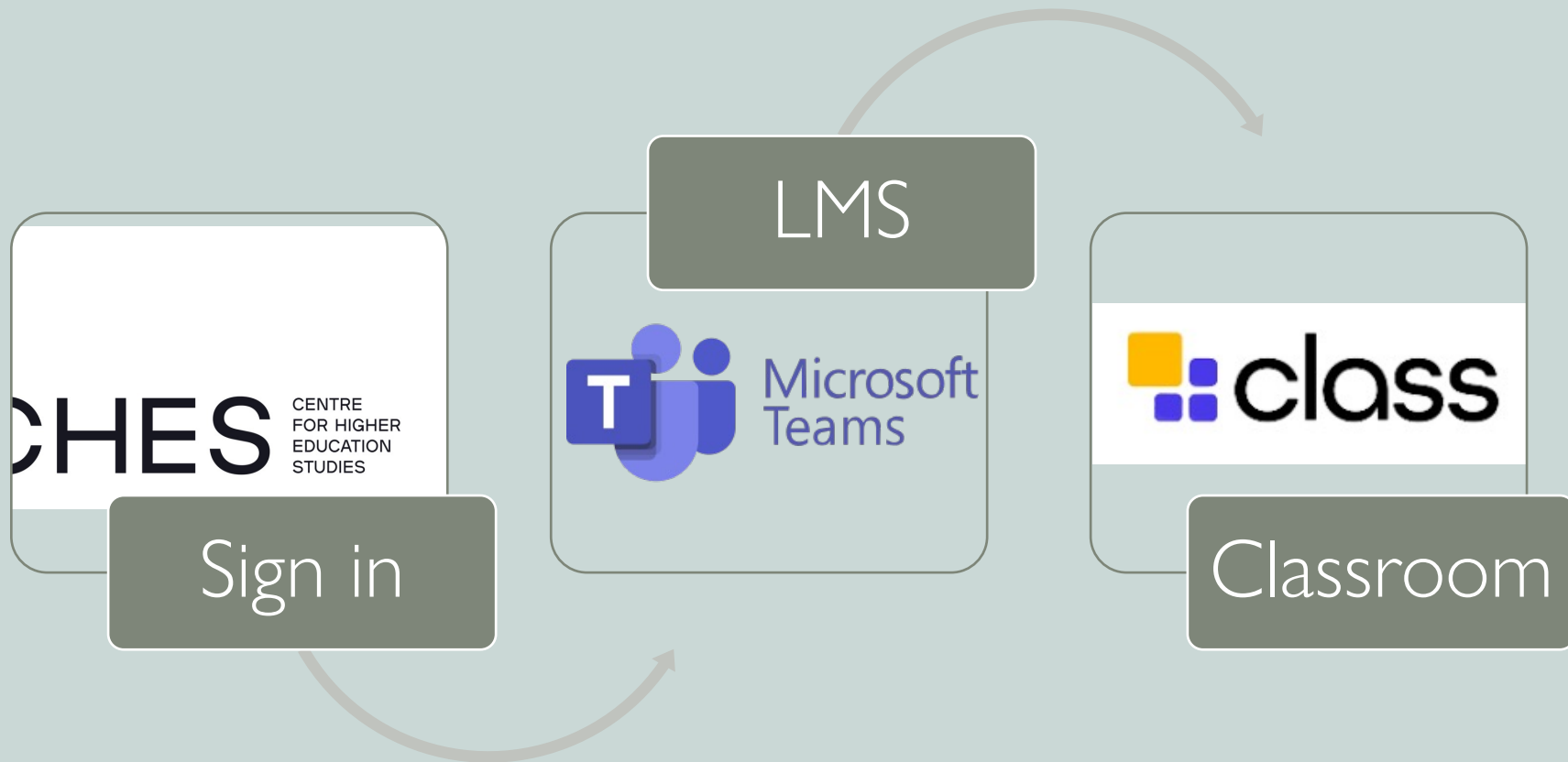
Critical Thinking

Research – Asking Questions

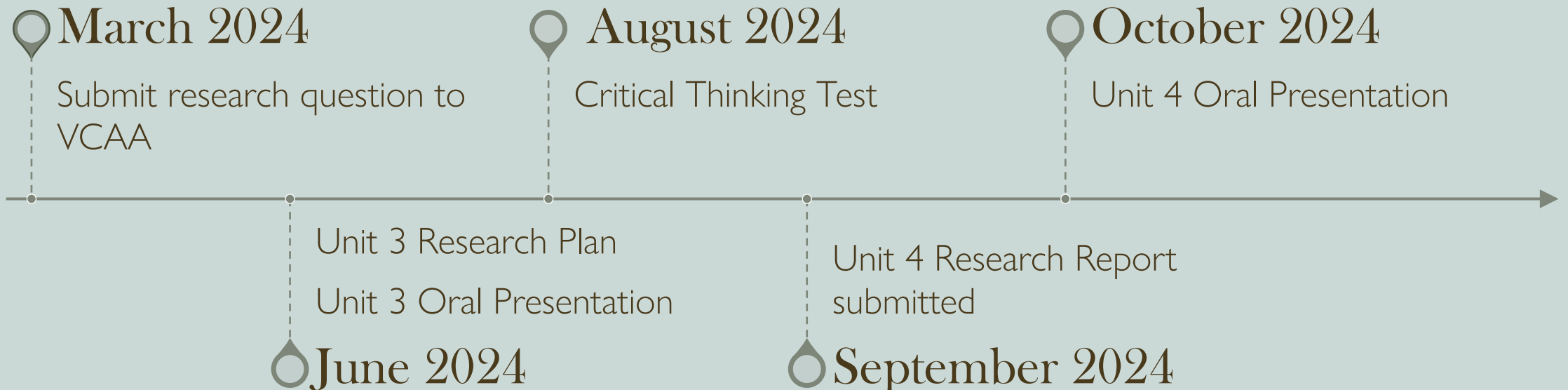
Topic choice

Power of the group!

Learning @ CHES



Timeline





The process of thinking carefully about a subject or idea, without allowing feelings or opinions to affect you.

Critical Thinking





Lateral Thinking!

Complete the questions in your workbook





If it rains the ceremony will be moved indoors. According to BOM there's a 75% chance of rain. So, it would be sensible to prepare to set up for the ceremony indoors



Strong or Weak argument?



It's wrong to claim that women are underrepresented in positions of political power. Both the current Finnish and New Zealand PMs are female, and Angel Merkel was Chancellor of Germany for 16 years!"



Strong or Weak argument?



97% of vegetarians are healthy.
Madison is a vegetarian.
Therefore, Madison is probably
healthy.



Strong or Weak argument?

Arguments Strong vs Weak!

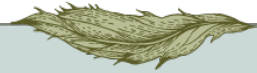


List the different arguments made.

Are these strong or weak arguments?

How could you adjust the arguments to make them stronger?

SHEEPT!



- Social & cultural – PEOPLE!
- Historical – PAST!
- Economic – MONEY!
- Environmental – NATURE!
- Political – GOVERNANCE!
- Technology – TOOLS!



Research Topics

Are questions becoming more valuable than answers?





I HAVE NO

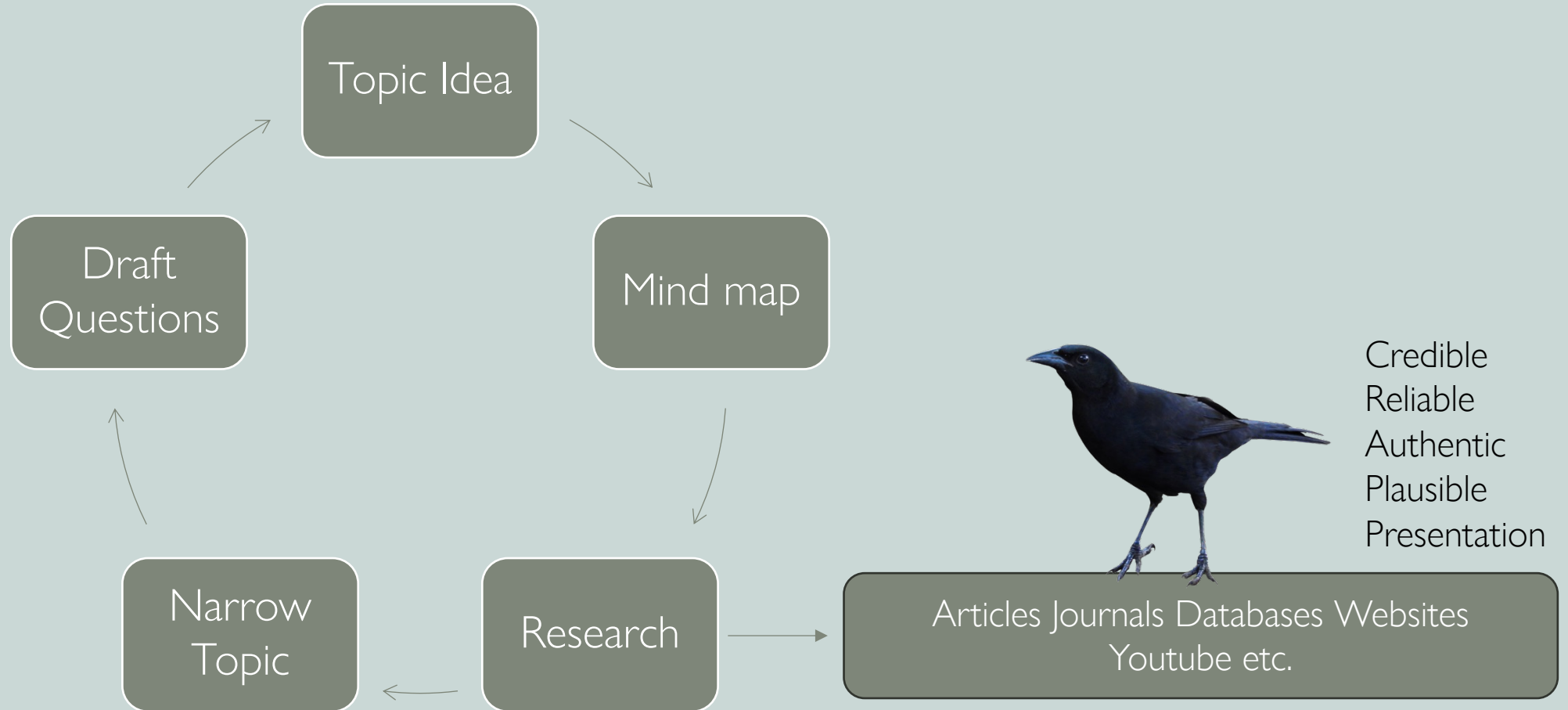
Minds

are like parachutes...
they only work
when they're **open**



I know
100%

Read, read and read some more!



Goldilocks Principle



Too Hot/Big

- Ethical considerations and bias – can you/others be objective?
- Scope of the question too broad/vague?
- Does it require methods/groups that you aren't able to access?

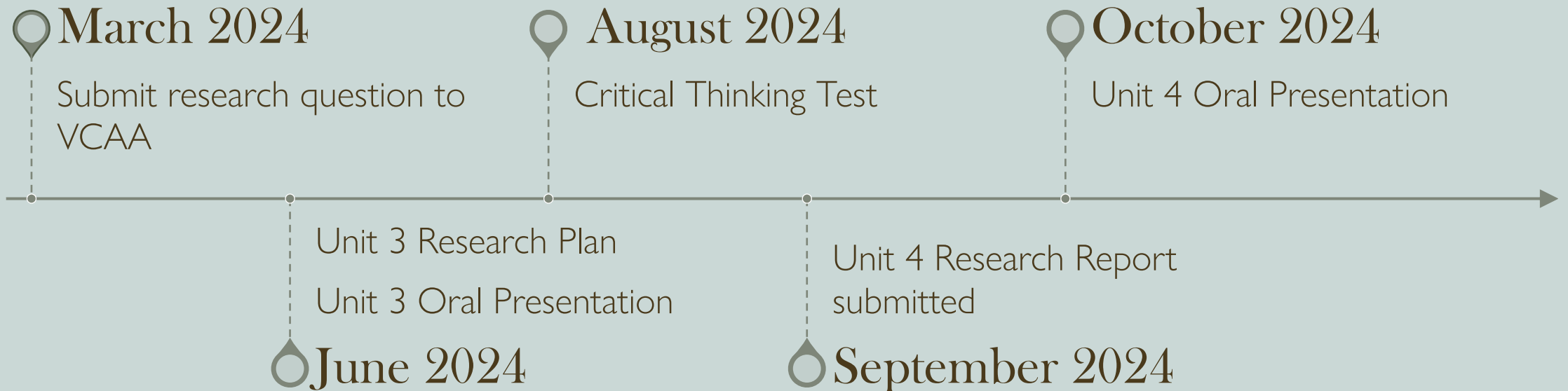
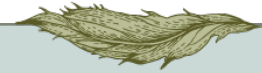
Too Cold/Small

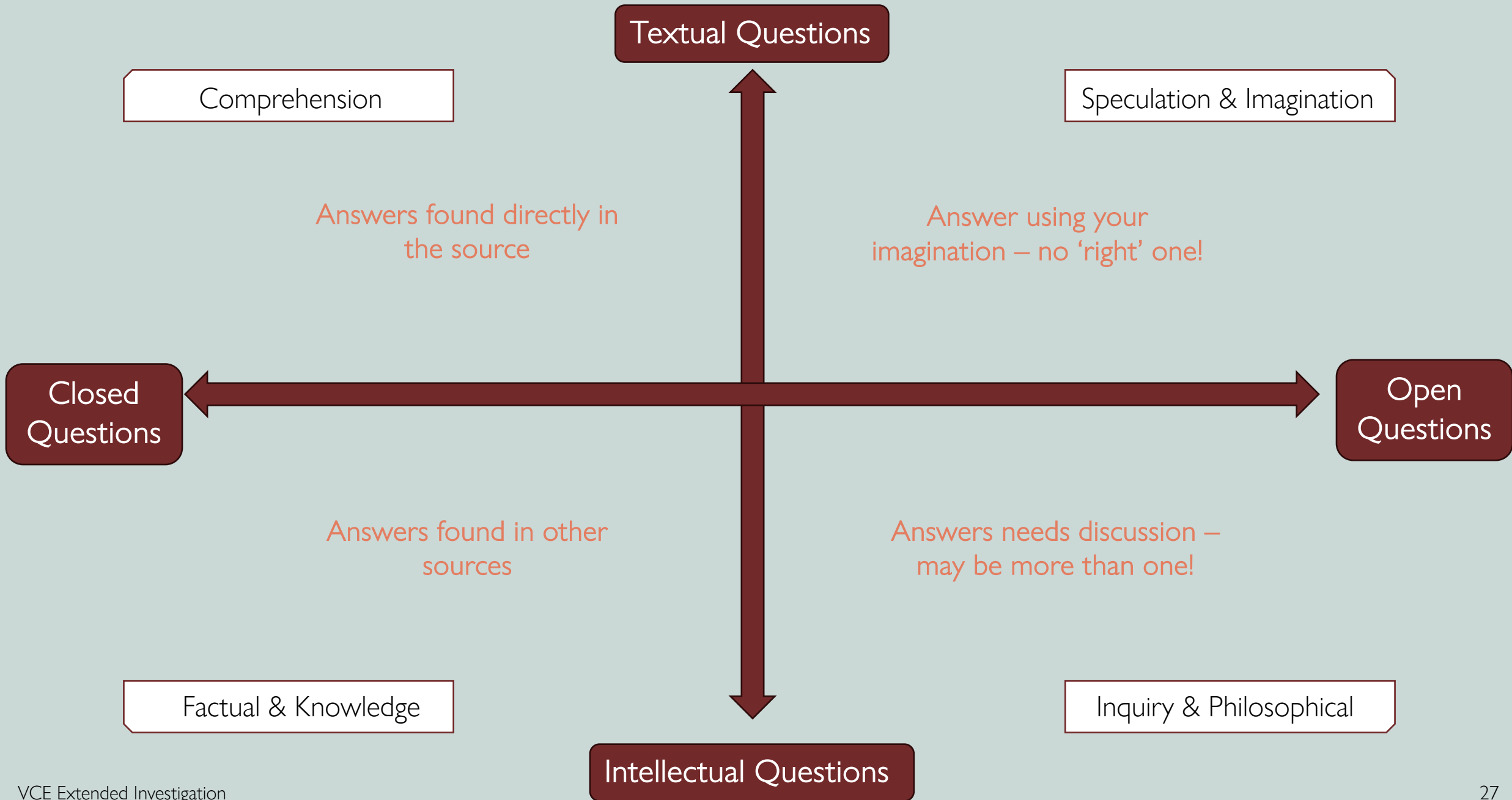
- Is it a simple topic?
- Is it boring? Is it useful?
- Can your question be answered with minimal investigation?
- Has it already been answered?

Just Right!

- Sustains your interest
- Credible area of research
- Viable within limitations of the VCE

Timeline





TEA!

What impact would regular tea drinking have on the health of Australians?

How many Australians drink tea regularly?

What effect does the daily drinking of tea have on the wellbeing of students studying VCE?



Types of EI learners



The Raven



The Tortoise



The Cheetah



The Ostrich



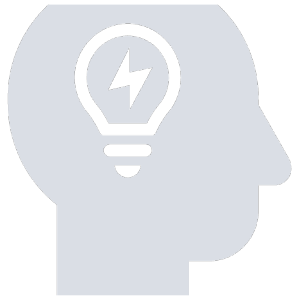
Power of the group!





Start Research Topics:

- SLV membership - make sure you have joined up
- **Begin researching topic(s)** make notes - discuss your ideas
- **Start journal and record references**
- Stay open minded!



Practice Critical Thinking:

- Problem solving puzzles
- Pros/Cons tables - current issues
- Question everything! CRAPP test!



Pay attention:

- Subscribe to news feeds - range of newswebsites and social media
- Discuss and debate - talk about current issues, listen to others
- Rethink your viewpoints are these reasoned, logical?





Summary

Extended Investigation is a marathon, not a sprint.

The key to success is to plan your route, set your pace and be prepared for the many exciting challenges along the way.





Thank you



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