



# Unscramble the letters

## Top-Tip: They link to being HPL



1. LISLK
2. YNALESA
3. FLRECITONE
4. PALN
5. COFDINENCE
6. CPRTAICE
7. STYGARTE
8. NTELLECTI
9. KLINING
10. HRDAKWORNIG

- Answers:**
1. Skill
  2. Analyse
  3. Reflection
  4. Plan
  5. Confidence
  6. Practice
  7. Strategy
  8. Intellect
  9. Linking
  10. Hardworking

# Meta-thinking



There are four ACPs under the meta-thinking heading	Examples of meta-thinking in action
<b>Metacognition:</b> I have an understanding of how I best learn.	<ul style="list-style-type: none"> <li>• How could I plan to do this?</li> <li>• Have I done anything similar before?</li> <li>• How did I do this last time?</li> <li>• What approach could I use?</li> <li>• What do I need to be able to do this?</li> <li>• How can I check that I'm on the right track?</li> <li>• What do I think and why do I think that?</li> </ul>
<b>Self-regulation:</b> I can monitor, evaluate and self-correct myself.	
<b>Strategy planning:</b> I can problem solve, and think in the right way for a particular task.	
<b>Intellectual confidence:</b> I can articulate and defend personal views based on evidence.	



## META-COGNITION

The ability to knowingly use a wide range of thinking approaches and to transfer knowledge from one circumstance to another.



## SELF REGULATION

The ability to monitor, evaluate and self-correct.



## STRATEGY PLANNING

The ability to approach new learning experiences by actively attempting to connect it to existing knowledge or concepts and hence determine an appropriate way to think about the work.



## INTELLECTUAL CONFIDENCE

The ability to articulate personal views based on evidence.

# What is Metacognition?

@ImpactWales

@Pearson Literature  
Review

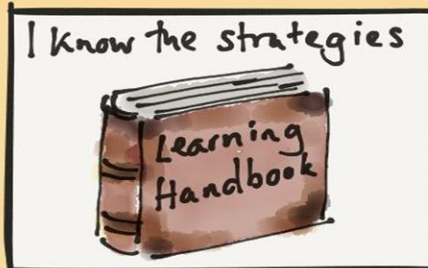
## COGNITIVE KNOWLEDGE



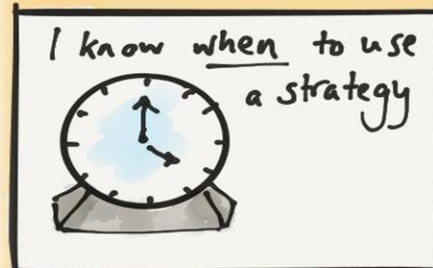
Knowledge about oneself as a learner & factors affecting cognition.  
aka • Person & task knowledge  
• Self appraisal

Awareness & management of cognition, including knowledge about strategies.

aka • Procedural knowledge  
• Strategy knowledge



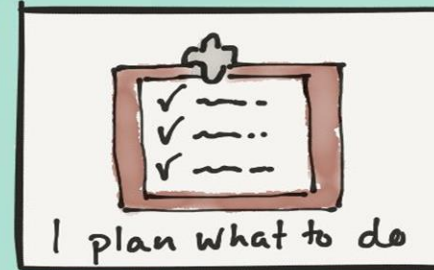
I know the strategies



I know when to use a strategy

Knowledge about why & when to use a given strategy.  
aka • Conditional knowledge

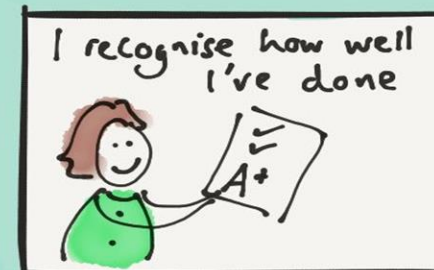
## COGNITIVE REGULATION



I plan what to do

Identification & selection of appropriate strategies & allocation of resources.  
aka • Planning

Attending to & being aware of comprehension & task performance.  
aka • Monitoring or regulating  
• Cognitive experiences



I recognise how well I've done

Assessing the process and products of one's learning and revisiting and revising goals.  
aka • Evaluating



**What is  
Metacognition?**

edutopia

Look at the picture for three minutes. Complete the lightbulb handout. Think of questions the picture raises.

There's a story of difference between those who are young and those who are old.

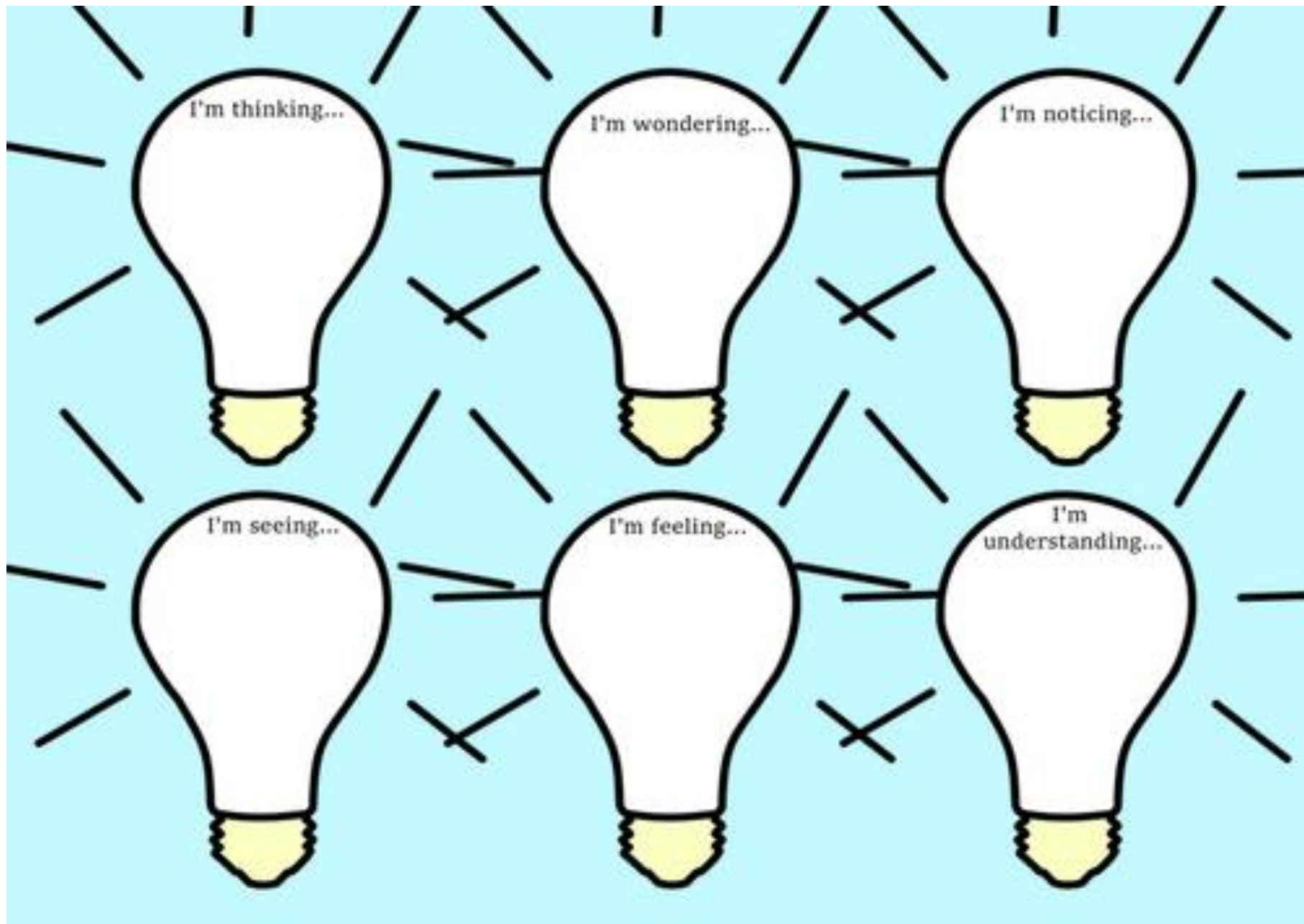
What could this woman be thinking as opposed to the older lady?

Have these women spoken to one another? Acknowledged each other?



This woman keeps her hands on her bag. She's possibly nervous when on the underground.

Both women are alone. Do they have partners? Are they married? What has happened to them before they met on the train?



# Delving A Little Deeper...



Both women have been effected by the current situation surrounding the Corona Virus.



Ellie had worked in a local café which was forced to close due to the lockdown.

**How will this have effected Ellie?**



Nina has spent most of the time since March on her own.

**How will this have effected Nina?**



## Can You Help?



- You have been assigned the task of creating a local community incentive to help people 'get back on track' with their lives.
- The incentive must still follow rules such as social distancing. However, small groups of approx. 6-10 people can meet inside or outside.
- The incentive can't be too expensive but a small contribution may be requested from those attending.

**Do you need any other information?**



# A3 Planning



Start to complete your incentive planning. Some ideas you might want to work with:

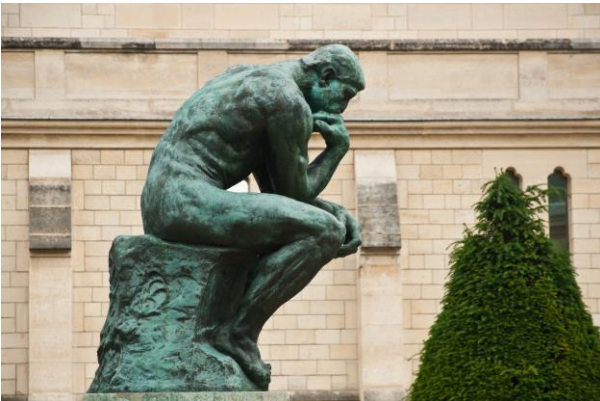
- Coffee morning
- Community park walks/picnic
- Christmas present appeal for the community
- Local residents re-teaching each other skills



# Reflection



- Why do you think your incentive will work?
- How can you tell if it has been successful?
  - How did you 'come up with' your idea?
- What problems might your incentive encounter?
  - How might you overcome these?



## 23 Metacognition Questions & statements

Inspired by Lisa Chesser

@Impact Wales

1. What do you think about what was said?
2. How would you agree or disagree with this?
3. Can you describe a similar answer?
4. What can you add to this solution?
5. Convince us yours is the best solution.

1. How did you determine this to be true?
2. Why didn't you consider an alternative solution?
3. Why does that answer make sense to you?
4. What if I said you're wrong?
5. Is there a way to show exactly what you mean?

1. Why do you think this works?
2. How would you prove your answer is right?
3. What assumptions have you made?
4. What steps did you take to solve this?
5. How might you argue against this solution?

1. How might you show the differences & similarities?
2. What patterns have you noticed?
3. How many possibilities are there? Why?
4. What would the results of your answer be?

1. When have you met a similar problem?
2. What other problems fit this style?
3. What steps have you taken in the past to solve similar problems?
4. Which examples would match this type of question?

Get your pupils thinking about how they think and learn by using these metacognition questions. Contact us at [enquiries@impact.wales](mailto:enquiries@impact.wales) for bespoke support that has a real impact!