



STUDY HABITS & TECHNIQUES SERIES



LEARNING WALKTHRU_s

OPEN RECALL aka BRAIN DUMPS

- 01 | SELECT A TOPIC & RELATED PROMPT
- 02 | WRITE DOWN KEY CONCEPTS IN A FREE FLOWING
MANNER
- 03 | ORGANISE & CONNECT IDEAS
- 04 | CHECK ACCURACY & IDENTIFY GAPS
- 05 | EXTEND DEPTH & RANGE OF IDEAS



OPEN RECALL AKA BRAIN DUMPS



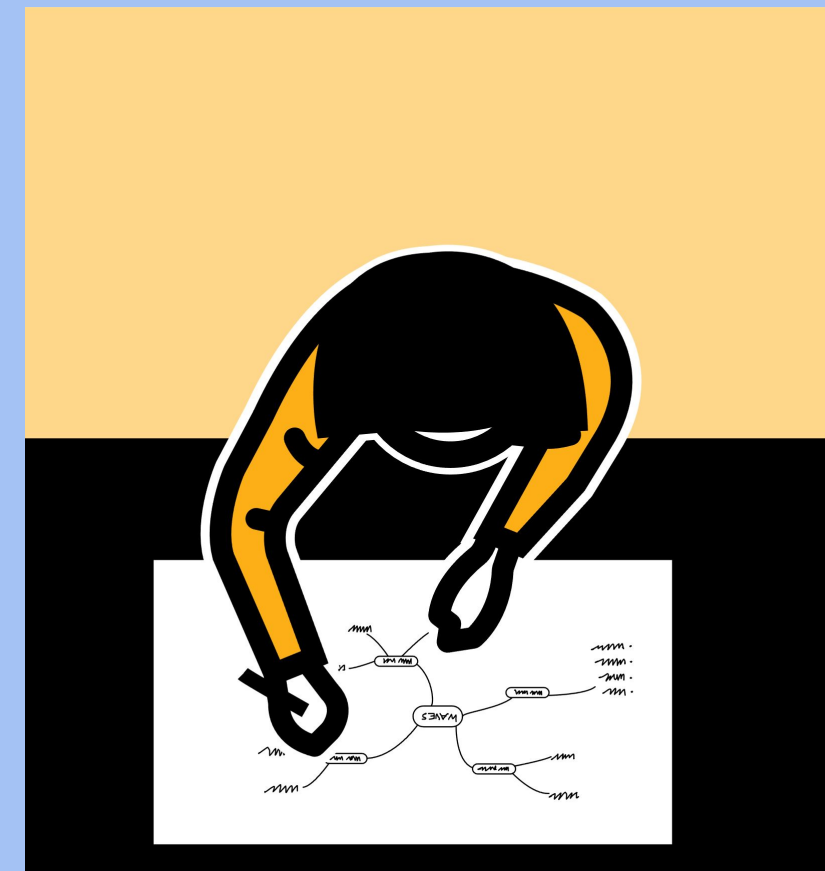
1

SELECT A TOPIC &
RELATED PROMPT



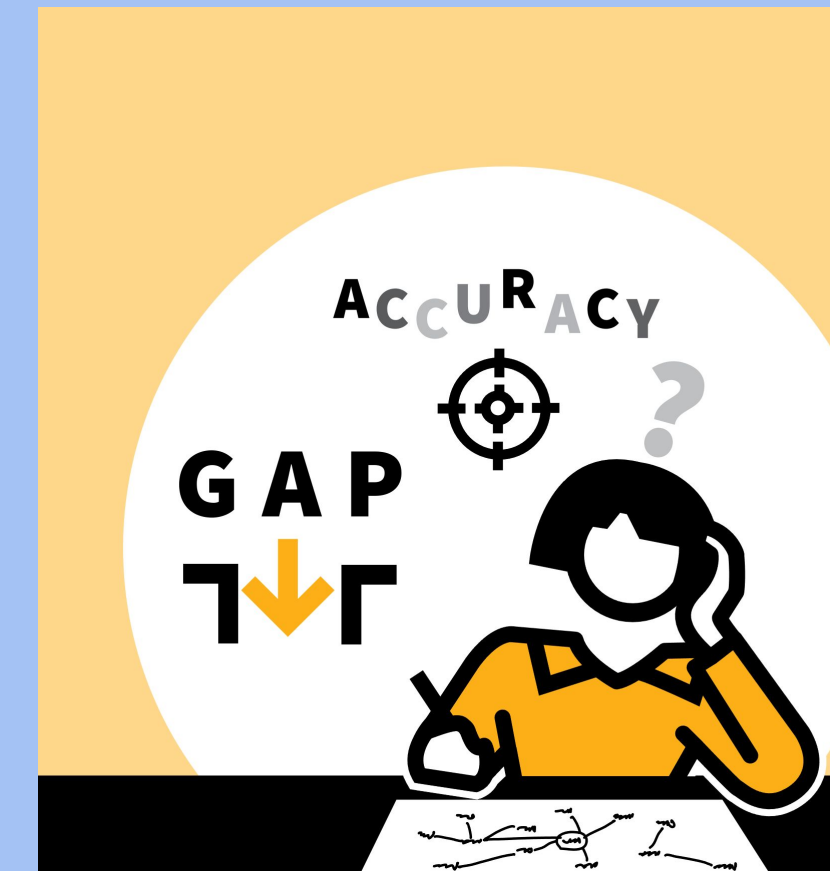
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WRITE KEY CONCEPTS
IN A FREE-FLOWING
MANNER



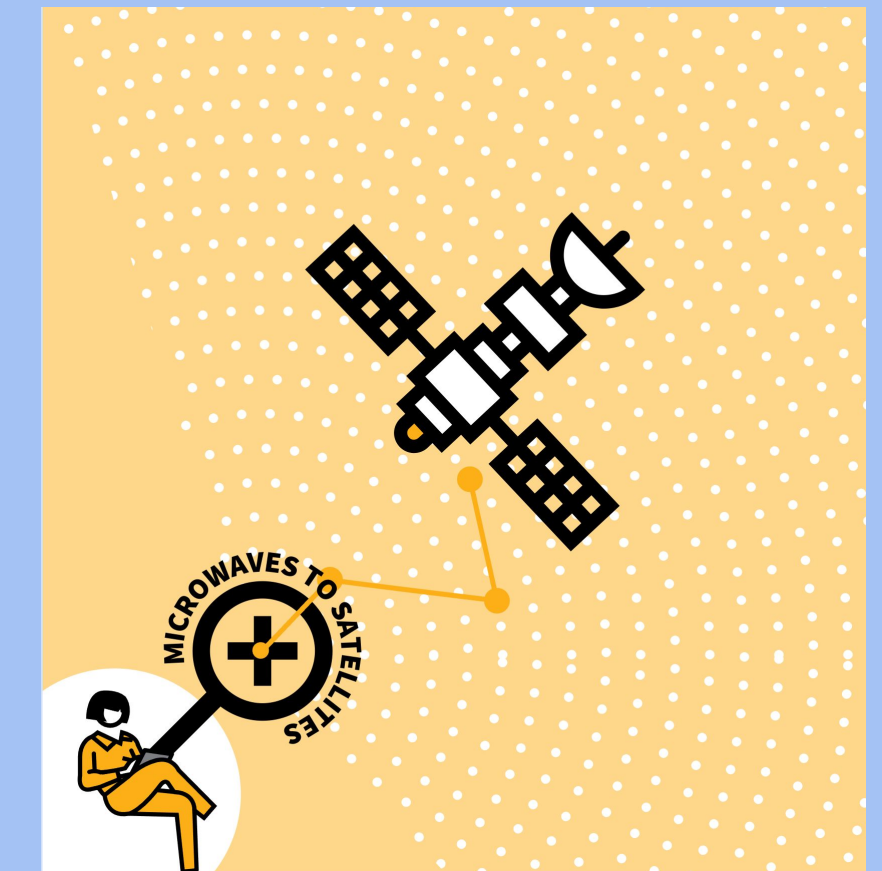
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ORGANISE &
CONNECT IDEAS



4

CHECK ACCURACY &
IDENTIFY GAPS



5

EXTEND DEPTH &
RANGE OF IDEAS

- When we've accumulated a lot of connected knowledge about a subject it can be difficult to retrieve it in a neat, organised manner. As we mentally scan our schema, we might activate knowledge that's connected in a range of unpredictable ways.
- Open recall allows you to retrieve information without restricting yourself too narrowly. The free flow of this brain dump process can help to flush out a more expansive set of ideas.



OPEN RECALL AKA BRAIN DUMPS



SELECT A TOPIC & RELATED PROMPT

- Prompt your open recall with a key word or a question. The prompt you choose will guide your subsequent recall, e.g.
- WAVES |
 - Broad prompt to explore the general properties of various types of waves.
- USES OF THE E-M SPECTRUM |
 - Focused prompt leads you to drill into applications of radio, microwaves, UV and infrared light.



OPEN RECALL AKA BRAIN DUMPS



WRITE DOWN KEY CONCEPTS IN A FREE-FLOWING MANNER

- Using a blank sheet, write the prompt in the centre; write down related ideas as they come to you.
- Don't worry about organising the information too much at first; let the ideas flow. Jot them down.
- If you see a natural place to add an idea, linking up with something else, do that as you go along.
- Avoid eliminating ideas too quickly — if at first your open recall leads you to something relatively obscure or disconnected, let that happen.

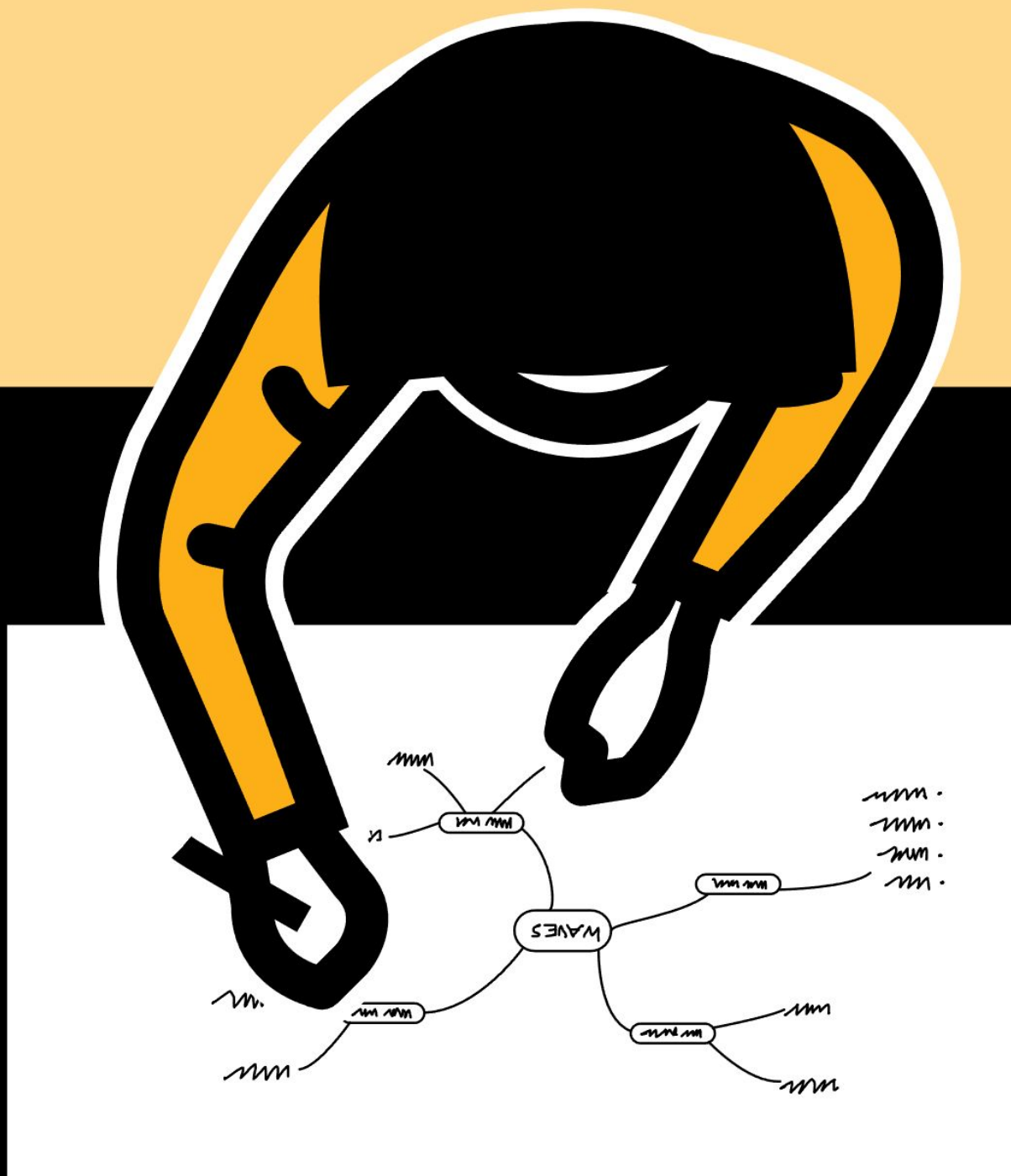


OPEN RECALL AKA BRAIN DUMPS

1 | 2 | 3 | 4 | 5

ORGANISE & CONNECT IDEAS

- When you've covered the topic in detail, or recorded a large number of ideas, stop to take stock of what you've got.
- Make links between relevant sections — perhaps showing them with lines and arrows.
- Reorganise information into categories or sections so ideas are easier to make sense of.
- Record your free-flow brain dump very roughly then perhaps a second more organised copy.



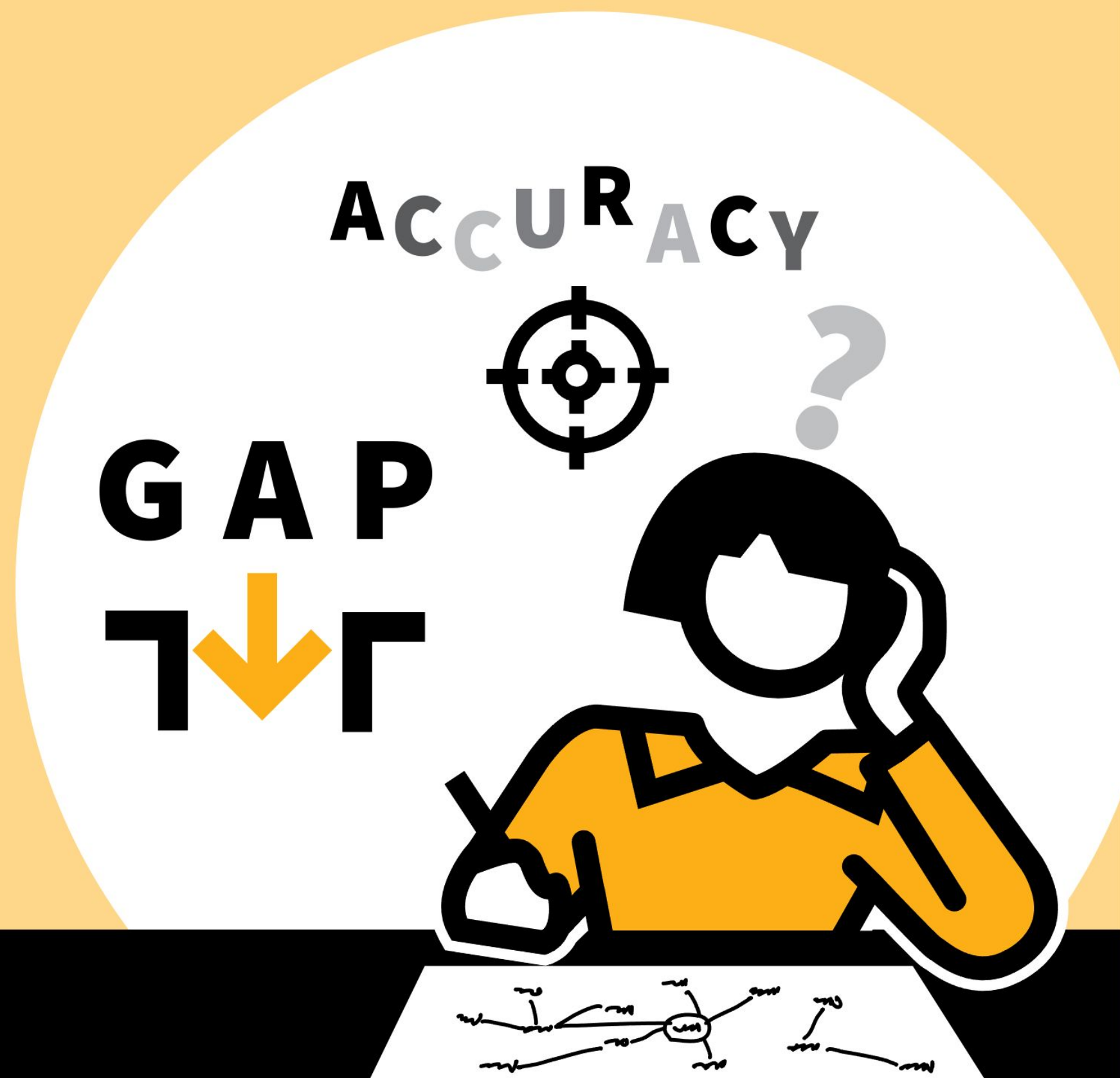


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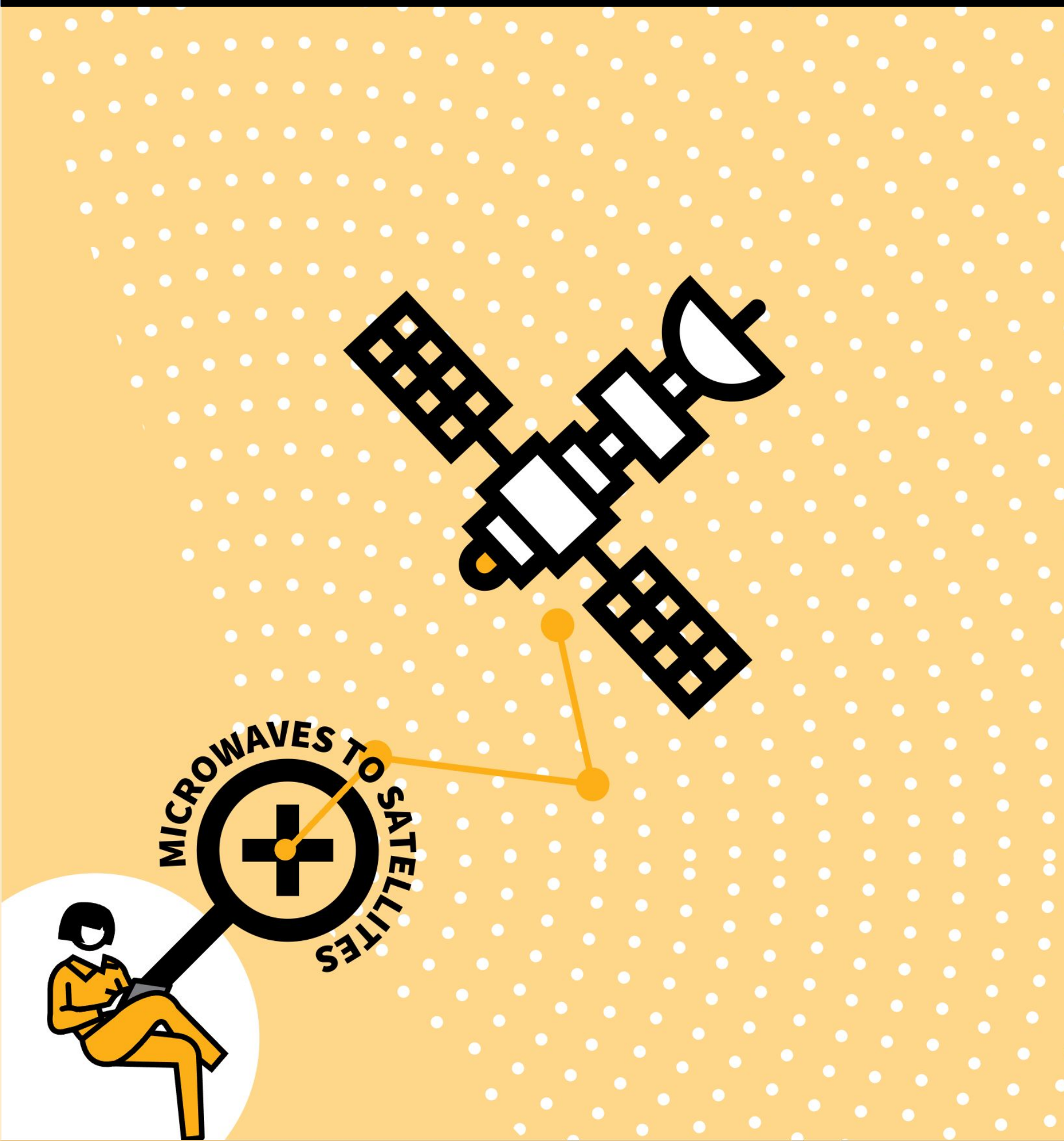
CHECK ACCURACY & IDENTIFY GAPS

- Be aware of mistakes and gaps. You want to address or correct them.
- Having made your open-recall record from memory, go back to your notes or resources related to the same topic:
 - Have you made any mistakes?
 - Have you left anything out that should have been included?
- Amend the record so that it's now more complete.





OPEN RECALL AKA BRAIN DUMPS



EXTEND DEPTH & RANGE OF IDEAS

- Once you've completed an open-recall process you're satisfied with, go further.
- **Zoom in** on one area to explore your knowledge at a deeper level — remembering more specific ideas that branch off from what you have so far.
 - e.g. The way microwaves are used in telecommunications and how satellites work.
- Or **expand** your open recall into other related areas,
 - e.g. explore sound and hearing.



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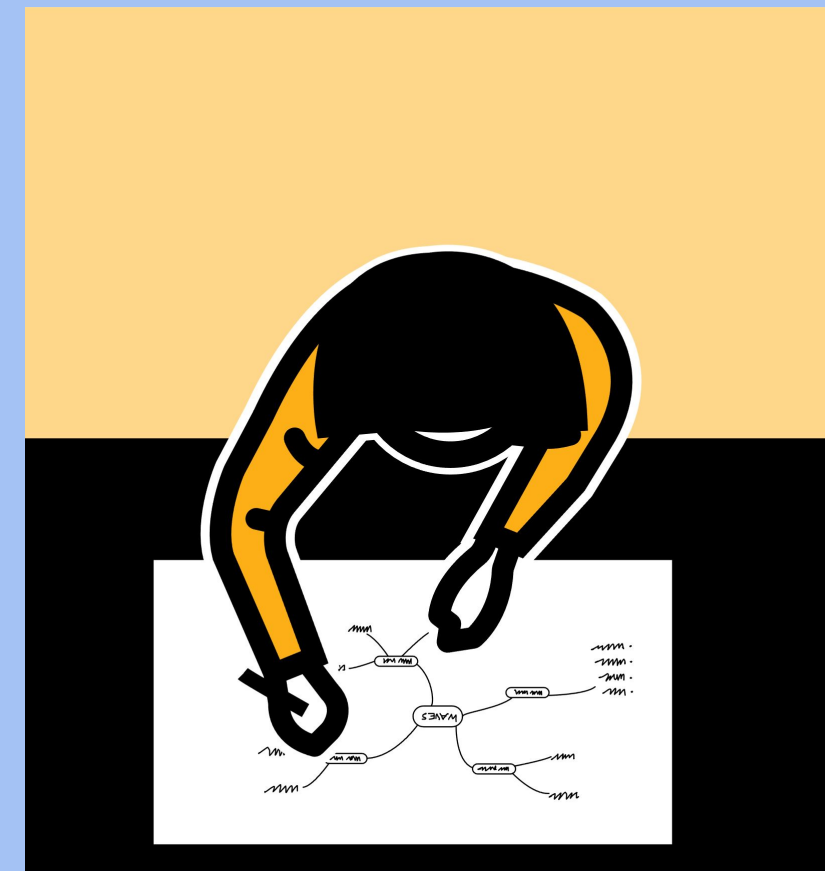
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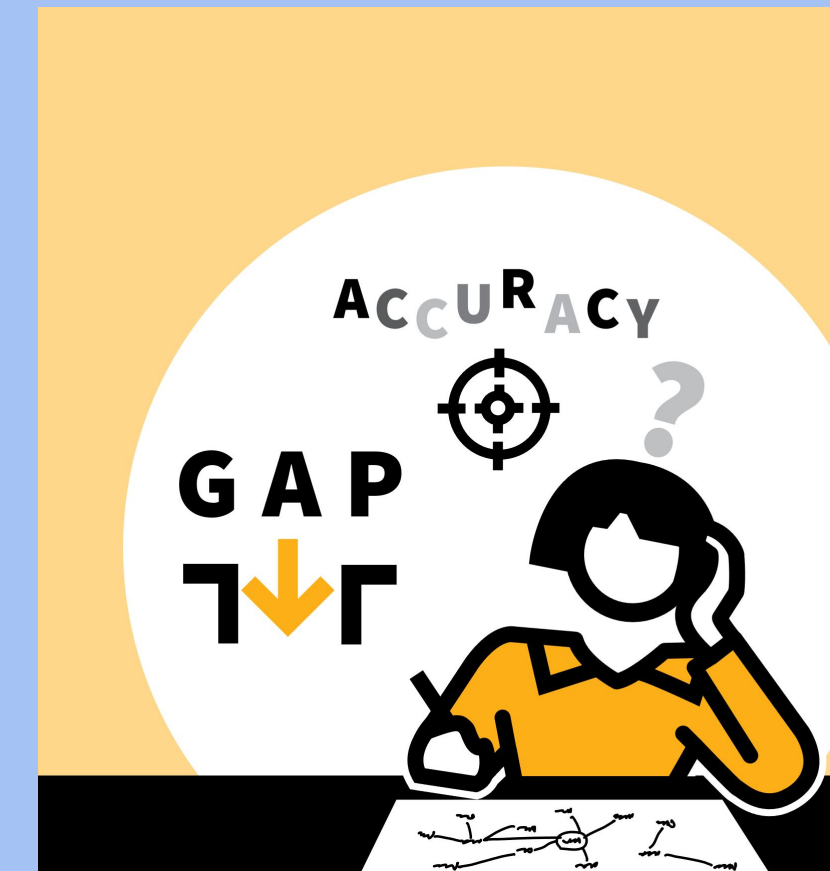
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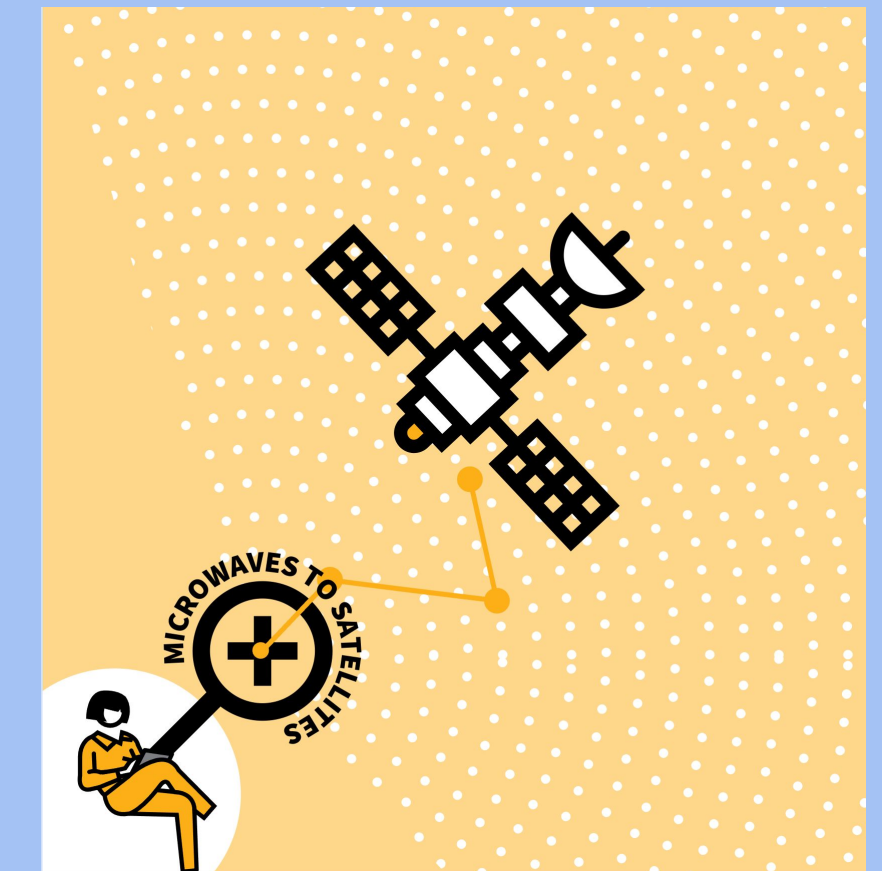
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