



# YEAR 10: REVISE RIGHT!

**TECHNIQUE 1: LOOK, COVER, WRITE, CHECK**



# HOW TO REVISE

- **What do you remember from the last session about effective revision?**
- **The next five tutor sessions will focus on a single technique.**
- **To try out the five practical sessions on the right, you'll need a knowledge organiser.**

**Technique 1: Look, cover, write, check**

**Technique 2: Word up!**

**Technique 3: Map your mind**

**Technique 4: Test your mind**

**Technique 5: Flash Cards**

# TECHNIQUE 1: LOOK COVER WRITE CHECK

- **WHERE HAVE YOU HEARD THIS BEFORE?**

**Most of you will have used this technique to learn spellings in primary school. It's a technique that can be applied to much more complex and extensive information, but the principle is the same.**

**Narrow down and identify the bits you find hardest to recall and repeat the process.**



Look



Cover



Write





Check

# TECHNIQUE 1: LOOK COVER WRITE CHECK

<https://www.youtube.com/watch?v=LLZVCYML4RU&list=PLJ8K5RBGZIY3GTA9HUBPK8NKFVAH7&index=3>

**Watch the video clip then give it a go!**

look → cover → write → check → repeat

Look 👁			Cover 🙋		
Epidermal tissue	Waxy cuticle (top layer of the leaf) Guard cells and stomata	Reduces water loss from the leaf Guard cells open and close the stomata to control water loss and allow for gas exchange (oxygen and carbon dioxide).	Epidermal tissue	Waxy cuticle (top layer of the leaf) Guard cells and stomata	
Palisade mesophyll	Palisade cells	Cells near the top surface of the leaf that are packed with chloroplasts that capture photosynthesis.	Palisade mesophyll	Palisade cells	
Spongy mesophyll	Air spaces in the leaf between cells	Increased surface area for gas exchange so that carbon dioxide can diffuse into photosynthesising cells.	Spongy mesophyll	Air spaces in the leaf between cells	
Xylem	Water tubes strengthened by lignin adapted for the transportation of water in the transpiration stream	Allow transport of water and mineral ions from the roots to the stem and the leaves.	Xylem	Water tubes strengthened by lignin adapted for the transportation of water in the transpiration stream	
Phloem	Soft sap vessels (sieve tube elements) cell to the next through pores in the end walls	Transports dissolved sugars from the leaves to the rest of the plant for immediate use or storage (translocation)	Phloem	Soft sap vessels (sieve tube elements) cell to the next through pores in the end walls	
Mesicote tissue	Hair cells (trichs) and short dead cells made from surrounding root hair cells	Root hair cells have an increased surface area for the uptake of water by osmosis, and mineral ions by active transport.	Mesicote tissue	Hair cells (trichs) and short dead cells made from surrounding root hair cells	
<b>Write ✍</b>			<b>Check ✓ X</b> and <b>repeat</b>		
<p><b>Epidermal tissue</b> -Waxy cuticle - reduces water loss from leaf, Guard cells &amp; stomata - open and close stomata -water goes out and gas in.</p> 					
<p><b>Palisade mesophyll</b> -cells near to top of surface, -chloroplasts contains chlorophyll ⇒ photosynthesis</p> <p><b>Spongy mesophyll</b> - increased surface area for gas exchange -carbon dioxide diffuses into photosynthesising cells</p>					

# IS YOUR REVISION FLAT?



## FOCUSED

- Put your phone away
- Turn the music off
- Avoid distractions
- Be in the right physical place to revise
- Be in the right frame of mind to revise



## LONG-TERM

- Start early to cut down on stress later in the year
- Make a revision timetable and commit to it
- Plan for 3 - 4 hours a week from January
- Interleave different topics



## ACTIVE

- Engage your brain by actively creating revision resources
- Test yourself, get others to test you
- Practise exam technique by writing or planning answers
- Revise what you struggle with



## TRANSFORMED

- Transform the knowledge you want to learn into a different format
- Make flashcards
- Produce a timeline
- Record a podcast
- Invent a mnemonic
- Take Cornell notes
- Create a mindmap
- Design a flowchart
- Make a powerpoint
- Teach it

**How is your FLAT revision going so far?**

**Discussion points:**

- **Have you started your revision?**
- **Have you made a revision timetable?**



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