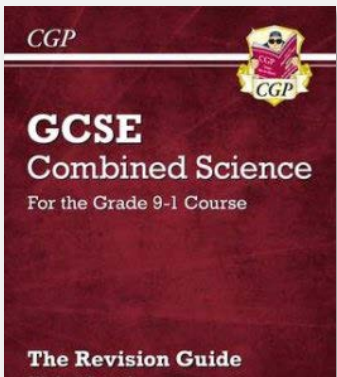






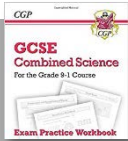
Step 1 What do I need to know?

- Explain what is meant by the terms strong and weak acid.
- Describe a concentrated and a dilute acid in terms of particles.

Step 2 How do I find out about it?

Revision Guide Page		Web Links
		 Calculating concentration of solutions Strong/ weak and conc/dilute acids  Strong/weak acids
Higher	Pg. 130	
Foundation	Pg. N/A	
Triple (Chemistry)	Pg. ?	

Step 3 What can I do to help me learn it?

	Complete the relevant questions in your CGP Science Workbook	Higher	Pages 131-133
		Foundation	Pages N/A

TASK 1: Draw a diagram of a strong, weak, dilute and concentrated acid. Label the particles/ions involved and explain the difference between strong and concentrated and weak/dilute in terms of the particles and ionisation.

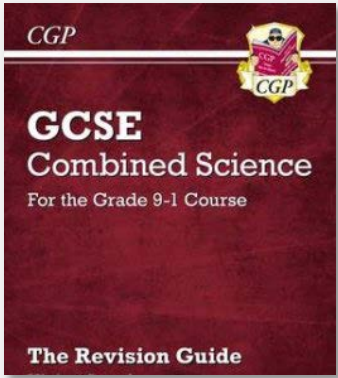


TASK 2: Explain what pH is the measure of and how the concentration of H⁺ ions increases with the pH.



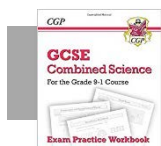
Step 1 What do I need to know?

- Know the different plant tissues.
- Know how plant tissues are organised in the leaf
- Explain how the leaf is perfectly adapted for photosynthesis
- Know the structure and function of the phloem and xylem.

Step 2 How do I find out about it?

Revision Guide Page		Web Links
		 https://www.bbc.co.uk/education/guides/zq239j6/revision/2  Calculating Magnification
Higher	Pg. 39-40	
Foundation	Pg. 40-41	

Step 3 What can I do to help me learn it?



Complete the relevant questions in your CGP Science Workbook

Higher

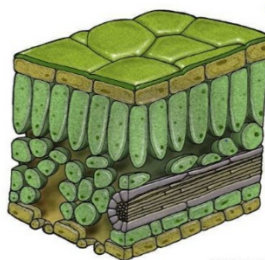
Pages

Foundation

Pages

TASK 1- What are the functions (jobs) of the epidermal, palisade mesophyll, spongy mesophyll, xylem and phloem tissues.

TASK 2- Label the following cross section of a leaf:



TASK 3- Explain how the leaf is perfectly adapted for photosynthesis. E.g. a transparent upper epidermis to allow light to pass through to the palisade mesophyll layer.

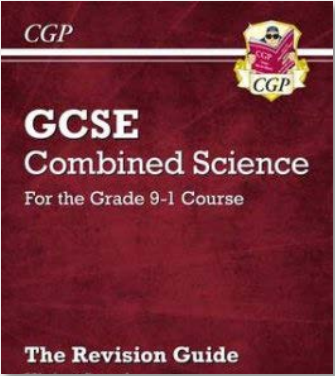

TASK 4- What is the job of the xylem and phloem?



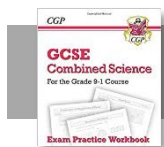
Step 1 What do I need to know?

- Know what the transpiration stream is.
- Explain how light intensity, temperature, air flow (wind) and humidity affect the rate of transpiration.
- Describe how a potometer works.
- Explain why the stomata open and close at different times of the day and how that affects transpiration.

Step 2 How do I find out about it?

Revision Guide Page		Web Links
		 https://www.bbc.co.uk/education/guides/zps82hv/revision/3
Higher	Pg. 40-41	
Foundation	Pg. 40-41	

Step 3 What can I do to help me learn it?



Complete the relevant questions in your CGP Science Workbook

Higher

Pages

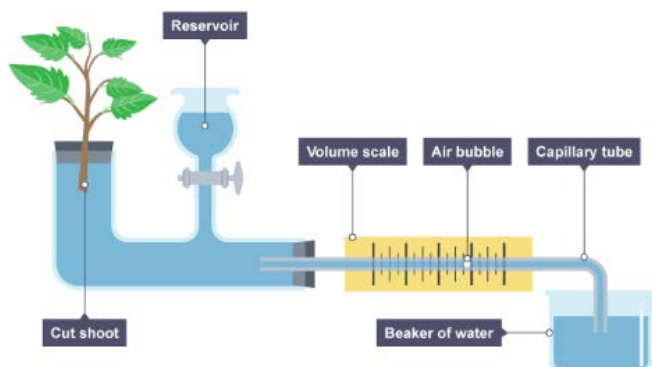
Foundation

Pages

TASK 1- Describe what the transpiration stream is, include the role of the stomata.

TASK 2- Explain how light intensity, temperature, air flow and humidity affect the rate of transpiration.

TASK 3- Describe how you could use the potometer below to estimate the rate of photosynthesis:



TASK 4- What is the role of the guard cells and in what conditions are the stomata more likely to open?

