

TISSUES

SUBJECT- BIOLOGY
CHAPTER NO- 6
Study of structure and functions of parenchyma, Sclerenchyma, permanent slides.
PERIOD-5

CHANGING YOUR TOMORROW

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LEARNING OBJECTIVE

- Student will be able to know the structure of parenchyma, collenchymas and sclerenchyma
- Student will be familiarized with the function of all these three types of simple permanent tissues
- They will be able to analyze and identify the different types of simple permanent tissues.





WARM UP QUESTIONS

- Recapitulation of the previous topic
- What do you mean by Permanent tissue?
- List the types of permanent tissues
- Can you name the simple permanent tissue?
- What are the main functions of simple permanent tissues?

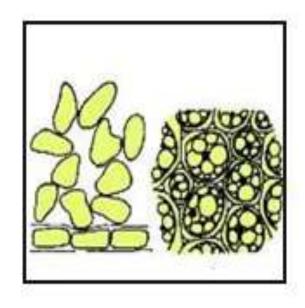


- Initiate children to see the permanent slide of simple permanent tissues.
- https://youtu.be/7t5pn4bDIPQ

Ask them to record their observation



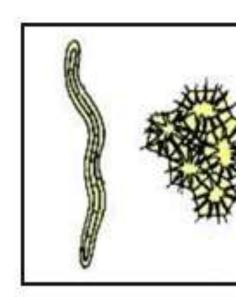
Types of Plant Tissue



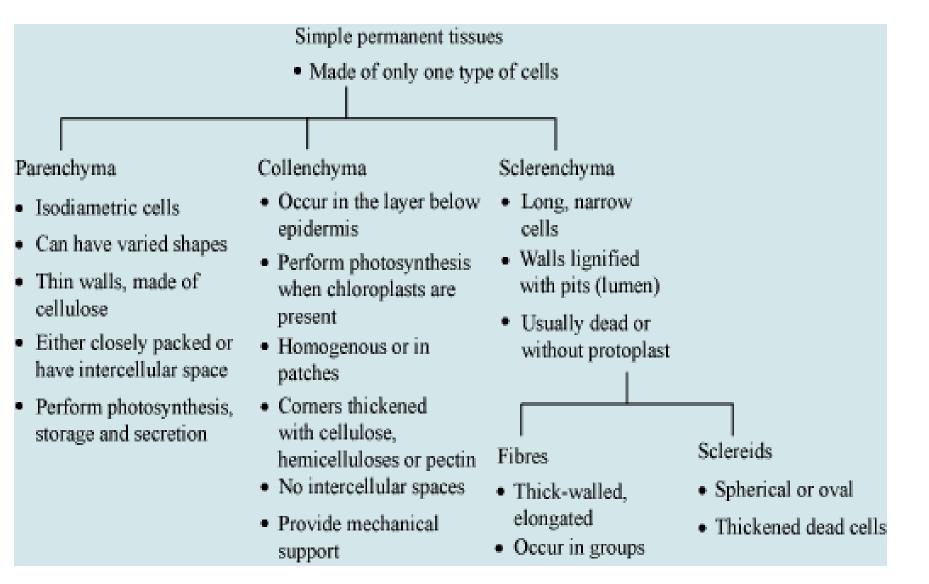
Parenchyma Tissue



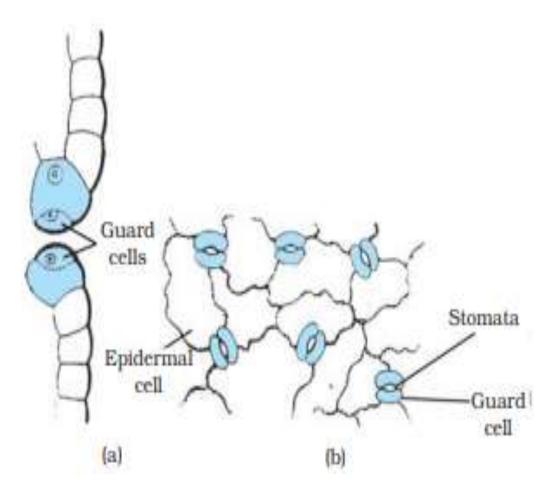
Collenchyma Tissue



Sclenchyma Tissue







 Epidermis of leaves contain stomata.

Functions of stomata

- Help in gaseous exchange
- Helps in transpiration

ig. 6.5: Guard cells and epidermal cells: (a) lateral view, (b) surface view



HOME ASSIGNMENT

- Q. Why cork and epidermis are called as protective tissues in plants
- Q. Explain the structure and functions of parenchyma, collenchymas and sclerenchyma
- Q. Mention the types of parenchyma and their functions.



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