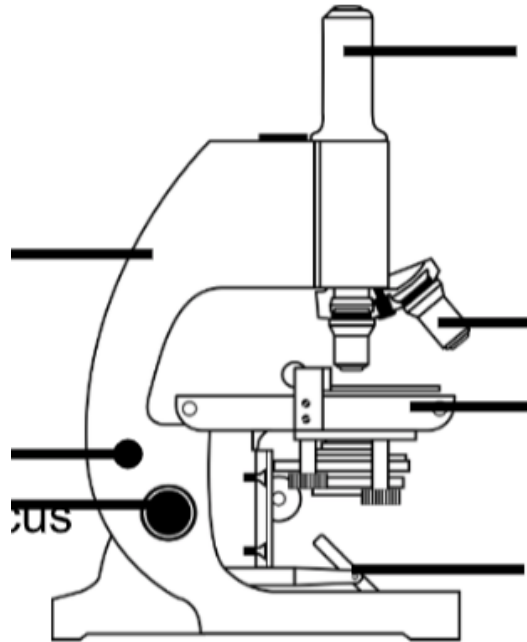


## Prior Knowledge Review

1. Add the following labels to the light microscope:

- Eyepiece lens
- Objective lens
- Arm
- Fine focus wheel
- Coarse focus wheel
- Stage
- Light source



2. Describe the steps you would follow to view a cell sample under this microscope.

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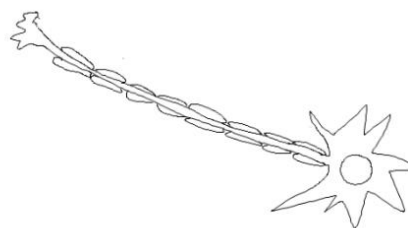
3. State the function of each of the specialised cells below and how its structure is adapted for its function:



Sperm cell

Function:

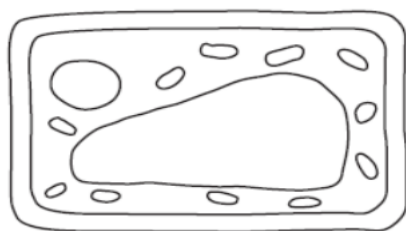
Structure:



Neuron (Nerve cell)

Function:

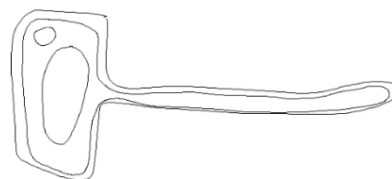
Structure:



Leaf cell

Function:

Structure:



Root hair cell

Function:

Structure:



4. Write the correct keyword for each definition:

- A group of the same cells working together \_\_\_\_\_
- A group of tissues working together for the same function \_\_\_\_\_
- A group of organs working together for the same function \_\_\_\_\_

### Stretch Activity

List the organ systems that make up the human body with the function and organs involved in each one.

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