CAMBRIDGE YEAR 7

ANIMAL AND PLANT CELLS

ACTIVITY WORKSHEET





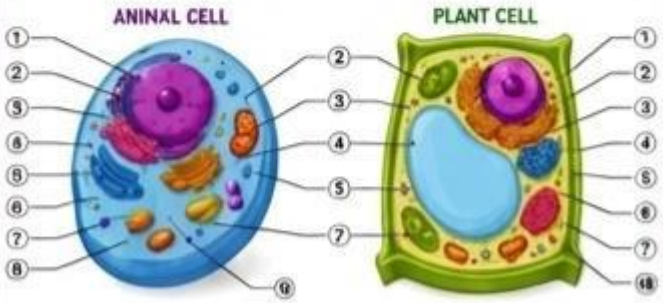


Celis are the basie units of life. Animal cells and plant cells have many similarities but also some important differences. Complete the activities below to test your understanding!

A. LABEL THE DIAGRAMS

Write the correct units of each part frem the box.

Cell Well · Call Rloobrams · Cytapteam · Nocieus · Mitechondria · Kysosones · Goigi Apparamo · Ranah Sit · Smeoth TH · Lyoosemes · Vocuole · Volosoplosts · Centricics



B. MULTIPLE CHOICE

Circle the correct anower.

1. Which part of the cell controls of the animitius?
   a) Cell membrane b) Cytaplams c) Nuclaus d) Mitochondria
2. Which organelle is known in the "powerheess" of the ealf?
   a) Moseome b) Mitochondiia c) Golgi Apparaiss d) Lysosome
3. Which structure is found in plant cells but NOT in animal cells?
   a) Cell membrane b) Cell wall c) Nucleus d) Ribesomes
4. Which organelic contains chlorophyit and makes food for the plast?
   a) Mitochondria b) Ctomsplass c) Vacuole d) Lysosome
5. Which organelic stores sclien and helps have the plant cell flow?
   a) Nucleus b) Vacuele c) Golgi Apparmes d) Centriole
6. Which structure helps in cell division in animal calls but is usually abaant in plant cellt?
   a) llysosomes b) Vacuele c) Centrioles d) Ceil wall

C. FILL IN THE BLANKS

1. The jeily-Ake substanse inside the cell is called _____.
2. The control centre of the cell is the _____.
3. _____ are tioy structures that preduce energy.
4. Plant cells have a thick coter covering called the _____.
5. _____ are green structures that carry out photaspesheds.
6. The large emply looking space in a plant cell is called _____.
7. _____ help in packaging and transpenting proteins.
8. Animal cells have _____ but plant colls be neil
9. _____ are found in both plant and animal caits.
10. _____ break down wasks and old cell parts.

D. COMPARE AND COMPLETE THE TABLE

Write ✓ if the structure is present, and ✗ if it is etrana.

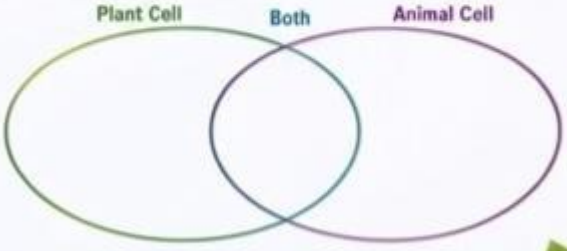
Call Structure	Animal Cell	Plant Cell	Functors
Cell Wall			Shies shepe and prepsction
Cell Membrare			Eontrals what exters and leaves
Nusleus			Controls all cell anstalies
Mitochomdia			Prodaces anergy
Chlareplosts			Makes food (photsapemniua)
Larga Contrel Aseuale			Smror water end maintains larger
Clsenerialu			Helps io coli diction
Cantrieless			Helps down weste materials
Lycosomes			Sale of pretein syottonis

E. SHORT ANSWER QUESTIONS

1. What ars the main difflarence between plant cells and animal colls?
   _____
   _____
2. Why do plant celle have a cell wolf?
   _____
3. When two orgaoolias that are found in both plant and animal cells and replain their treations.
   a) _____ : _____
   b) _____ : _____
4. Whe is the large vaccule important for a plant cell?
   _____

F. THINK AND DRAW!

Draw a Venn Diagram compliting plant cells and animal cells.
Write at least 3 features in each section.





DID YOU KNOW?
The jeb you cell in plants is animals the on cell slonts which con be used with the naked eye!



KEY WORDS
Call Well, Cxl) Cembram, Cymplvam, Vactula, Mitnchondla, Bibsosmes, Golgi Apperatus, Chloroplasts, Vacuole, Lyseeomes, Centrroles



THINR!
Drow sdl slills kad chloraplarsdlic orcectr anbnals could wake their ewn cisstent dn plants? What would be the impostantied this

LIVEWORKSHEETS