

Science words for a careful cell explanation

Pupil activity and after-attempt self-check

Use the cell word bank to complete two science sentences, then distinguish what a term tells you from what a diagram alone might show.

Practice independently or with a partner. Write in the spaces or print this page.

What you are practising

Use the supplied English terms and functions to practise structure and job in a precise sentence. This activity does not ask you to score diagram pointers.

A class is practising how to explain a plant cell to a new learner. The goal is to connect word, function and a comparison, rather than label a picture.

Materials

- Word bank: nucleus; cell membrane; cell wall; chloroplast; vacuole; mitochondrion.
- Function bank: contains DNA and controls cell activity; controls what enters or leaves; cellulose support; chlorophyll and photosynthesis; cell-sap space that helps a plant cell stay firm; respiration releases energy.
- Writing frames: "The ___ is different from the ___ because ___." "The ___ helps the cell by ___."

Have a go

1. Match each word to one function from the bank.
2. Choose two terms with different functions and complete the comparison frame. Write a second sentence linking one structure to its function, using the function bank.
3. In each sentence, circle a structure word and underline the words describing its function.
4. Check with the model, then revise one phrase for precision.

Check your work

- Each chosen structure has its matching function.
- The comparison names a real difference.
- Both sentences distinguish structure from job.
- The explanation does not rely on counting items in a picture.

Your working space

My matches: cell wall → _____; cell membrane → _____

Comparison: The _____ differs from the _____ because _____

Function sentence: The _____ helps the cell by _____

Word naming a structure: _____ Function: _____

Need a hand?

Keep the function bank visible and complete the sentence orally with a partner before writing.

Ready for more?

Add “whereas” and compare the jobs of the nucleus and mitochondrion.

Remember

This English activity practises cell vocabulary and does not assess diagram pointers.

Self-check: use after your first attempt

Model answers

Example: "The cell wall is different from the cell membrane because the wall provides cellulose support, while the membrane controls what enters and leaves." Another accurate link is "Chloroplasts contain chlorophyll. Photosynthesis takes place in chloroplasts." A separate function sentence could be "The nucleus contains DNA and controls cell activity."