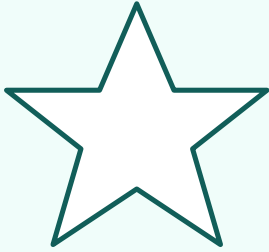


Mitochondria

6th Grade

Where respiration happens — sugar and oxygen are turned into usable energy.



Where respiration happens — sugar and oxygen are turned into usable energy.

FOUND IN
plant and animal

- Often called the powerhouse of the cell.
- Muscle cells are packed with them.
- They have their own small loop of DNA.
- Respiration: glucose + oxygen → energy + CO₂ + water.
- The more energy a cell needs, the more it has.

LOOK FOR IT

Think of it as The power station.

Present in both plant and animal cells.