|  |  |  |  |
| --- | --- | --- | --- |
| I have..    Who has..  **The organelle where photosynthesis occurs** | I have..  **chloroplast**  Who has..  **The organelle where respiration occurs** | I have..  **mitochondria**  Who has..  **Where DNA is made and stored** | I have..  **nucleus**  Who has..  **A cellulose barrier that supports, shapes and protects the cell** |
| I have..  **cell wall**  Who has..  **A bundle of tubes that form spindle fibres for cell division** | I have..  **centriole**  Who has..  **A bag of sugary fluid, large & central in plant cells** | I have..  **vacuole**  Who has..  **Long molecule made of DNA and histone proteins** | I have..  **chromosome**  Who has..  **Stack of small flat sacs that make proteins & fats** |
| I have..  **Golgi body**  Who has..  **Bag of enzymes for breaking down & recycling worn out cell parts** | I have..  **lysosome**  Who has..  **A skin that controls what enters & leaves the cell** | I have..  **cell membrane**  Who has..  **Where RNA is made** | I have..  **nucleolus**  Who has..  **A network of membranes that proteins & other molecules move through** |
| I have..  **endoplasmic reticulum**  Who has..  **Where proteins are made on rough ER** | I have..  **ribosome**  Who has..  **Jelly-like fluid that fills the inside of a cell** | I have..  **cytoplasm**  Who has..  **Long skinny extensions of the cell membrane that increase surface area** | I have..  **microvilli**  Who has..  **The holey skin around the nucleus** |

|  |  |  |  |
| --- | --- | --- | --- |
| I have..  **nuclear membrane**  Who has..  **Cells that hold chromosomes inside a nucleus** | I have..  **eukaryote cells**  Who has..  **Cells with no nucleus, whose loops of DNA sit in the cytoplasm** | I have..  **prokaryote cells**  Who has..  **Cell specialised to carry oxygen**, **which have no nucleus** | I have..  **Red blood cell**  Who has..  **Cell specialised to photosynthesise in the centre of a leaf** |
| I have..  **palisade cell**  Who has..  **Cells specialised to absorb water into a plant** | I have..  **root hair cell**  Who has..  **Organism made up of many cells** | I have..  **multicellular organism**  Who has..  **Organism made**  **up of only**  **one cell** | I have..  **unicellular organism**  Who has..  **Unicellular eukaryotes that are neither plant, animal nor fungi.** |
| I have..  **protist**  Who has..  **Protist that changes shape as it oozes** | I have..  ***Amoeba***  Who has..  **Protist shaped like a slipper** | I have..  ***Paramecium***  Who has..  **Specialized structure for collecting & expelling excess water** | I have..  **contractile vacuole**  Who has..  **Hair-like structures on the outside of some cells** |
| I have..  **cilia**  Who has..  **Long whip-like tails that propel some unicellular organisms** | I have..  **flagellum**  Who has..  **A channel through which food passes to enter a protist** | I have..  **oral groove** |  |

**Instructions**

* Put this on card and print one set.
* Issue a card to each student (n=26)
* The person with the smiley face at the top starts “I have smiley face, who has …
* Each student has to check their card and see if the term at the top matches. If it does they read their whole card out.
* And so on.
* If the class has done it correctly, the activity will end a student reading the card with a smiley face at the bottom.