|  |  |  |  |
| --- | --- | --- | --- |
| 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**  |

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| --- | --- | --- | --- |
| 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.