



Leadership is Not What You Think: A Socratic Dialogue

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CELL WALLS / MEMBRANE - WALLS

THE CELL WALLS/MEMBRANE IS SIMILAR TO THE WALLS OF A HOUSE. THE WALLS SURROUND AND PROTECT THE HOUSE JUST AS THE CELL MEMBRANE DOES.

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CYTOPLASM - FLOORS

THE CYTOPLASM IS 4 WALL LEVELS THAT FILLS THE CELL. THE FLOORS ARE EVENLY SPACED THROUGHOUT THE HOUSE JUST LIKE THE CYTOPLASM IS SPACING THE CELL.

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CYTOPLASM - FLOORS

THE CYTOPLASM IS A GEL-LIKE LIQUID THAT FILLS THE CELL. THE FLOORS ARE EVERYWHERE THROUGHOUT THE HOUSE JUST LIKE THE CYTOPLASM IS AROUND THE CELL.

NUCLEUS - PARENTS

THE NUCLEUS CONTROLS THE CELL, JUST LIKE YOUR PARENTS CONTROL WHAT HAPPENS AND THE RULES OF THE HOUSE.

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RIBOSOMES - APPLIANCES

THE RIBOSOMES MAKE PROTEINS FOR THE CELL. LIKE THE REFRIGERATORS, THE APPLIANCES HELP GET THINGS DONE WITH POWER.

GOLGI BODIES

IN AN CELL, THE GOLGI BODIES SORT AND PACK THE PROTEINS INTO SMALLER PACKAGES FOR DELIVERY TO OTHER PARTS OF THE CELL.

PLASTID - GARMENT STORAGE

IN AN CELL, THE PLASTIDS STORE AND RELEASE ENERGY. IN PLANT CELLS, THEY STORE ENERGY IN THE FORM OF STARCH.

VACUOLES - CLOSET/STORAGE

THE VACUOLES STORE NUTRIENTS IN THE CELL, JUST LIKE THE CLOSETS, CABINETS, CHINA CUPBS ETC. IN THE HOUSE.

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TOPOPLASMA/ CYTOSKELETON - STAIRS

THE TOPOPLASMA/ CYTOSKELETON PROVIDES STRUCTURE AND SUPPORT TO THE CELL. IT HELPS MAINTAIN THE CELL'S SHAPE AND MOVES MATERIALS WITHIN THE CELL.

CHLOROPLAST - KITCHEN

THE CHLOROPLASTS ARE WHERE PHOTOSYNTHESIS IN PLANT CELLS OCCURS. IN THE HOME, THE KITCHEN IS WHERE THE FOOD IS MADE.

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CELLAR TO SURROUND THE CELL

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MITOCHONDRIA - POWER PLANTS

THE MITOCHONDRIA ARE THE POWER PLANTS OF THE CELL. THEY TAKE IN SUGAR AND OXYGEN AND RELEASE ENERGY FOR THE CELL TO USE.

RIPOBOMES - APPLIANCES

THE RIPOBOMES MAKE PROTEENS FOR THE CELL. LIKE THE RIPOBOMES, THE APPLIANCES HELP GET THINGS DONE WITH POWER.

GOLGI BODIES

IN THE CELL, THE GOLGI BODIES SORT PROTEINS TO BE TRIPED OUT. JUST LIKE THE MAIL SLIPS OUT SMALL AND PARAGELS AND THE VENDOR'S SHOP ONLY PEOPLE.

ENDOPLASMIC RETICULUM - GARMENT / STORES

THE ENDOPLASMIC RETICULUM IS THE STORES OF THE CELL. IT STORES AND RELEASES LIPIDS AND PROTEINS.

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VACUOLES - CLOSETS / STORAGE

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CHROMOSOMES - BEDROOMS

CHROMOSOMES ARE BUNDLES OF DNA.
DNA IS WHAT MAKES YOU DIFFERENT,
JUST LIKE THE BEDROOMS IN THE
HOUSE. YOUR ROOM IS YOUR OWN PLACE
IN THE HOUSE THAT YOU CAN MAKE
DIFFERENT FROM THE OTHER ROOMS.

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