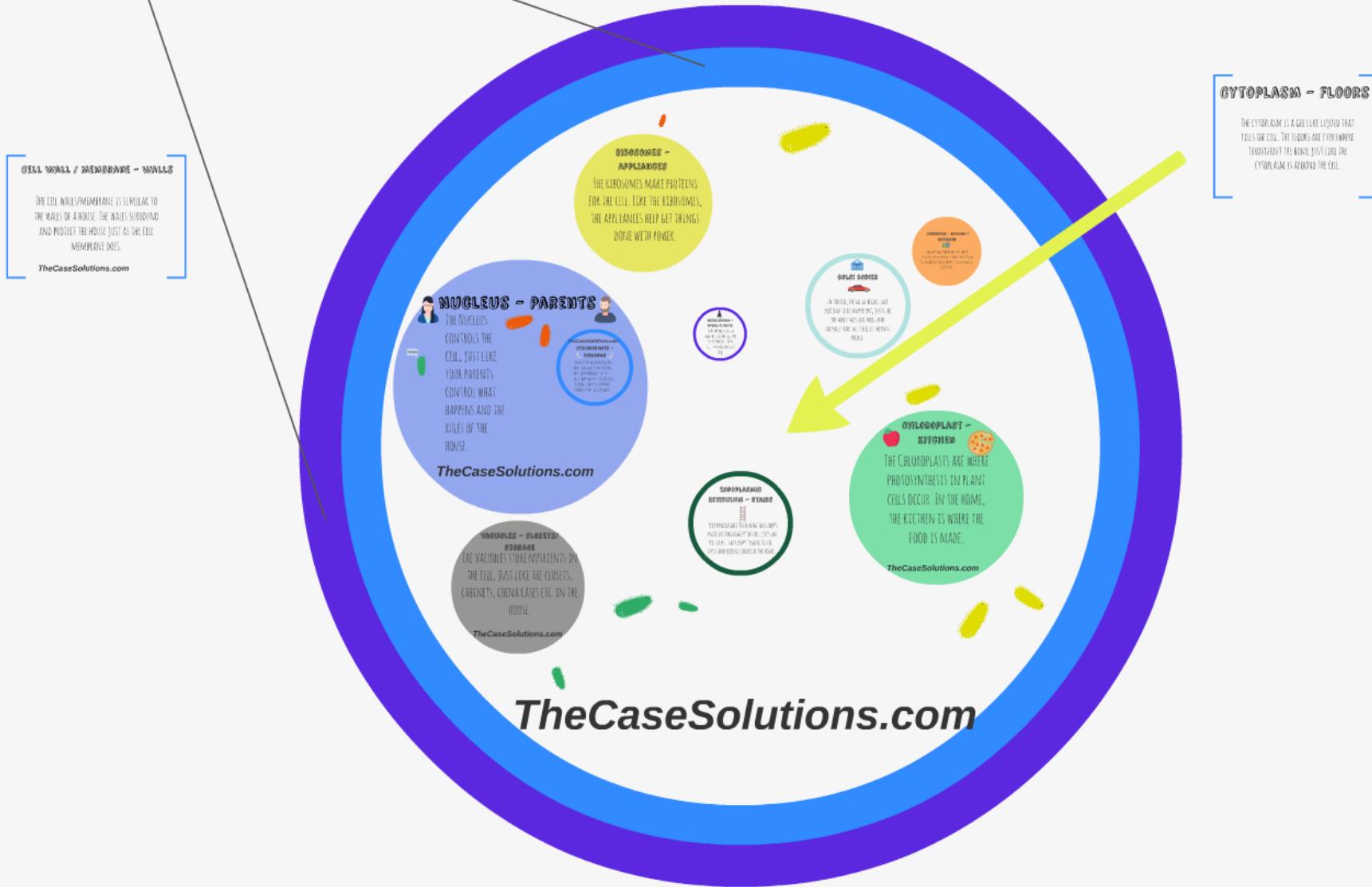




# The Thermostat Industry: Transformation from Analog to Digital

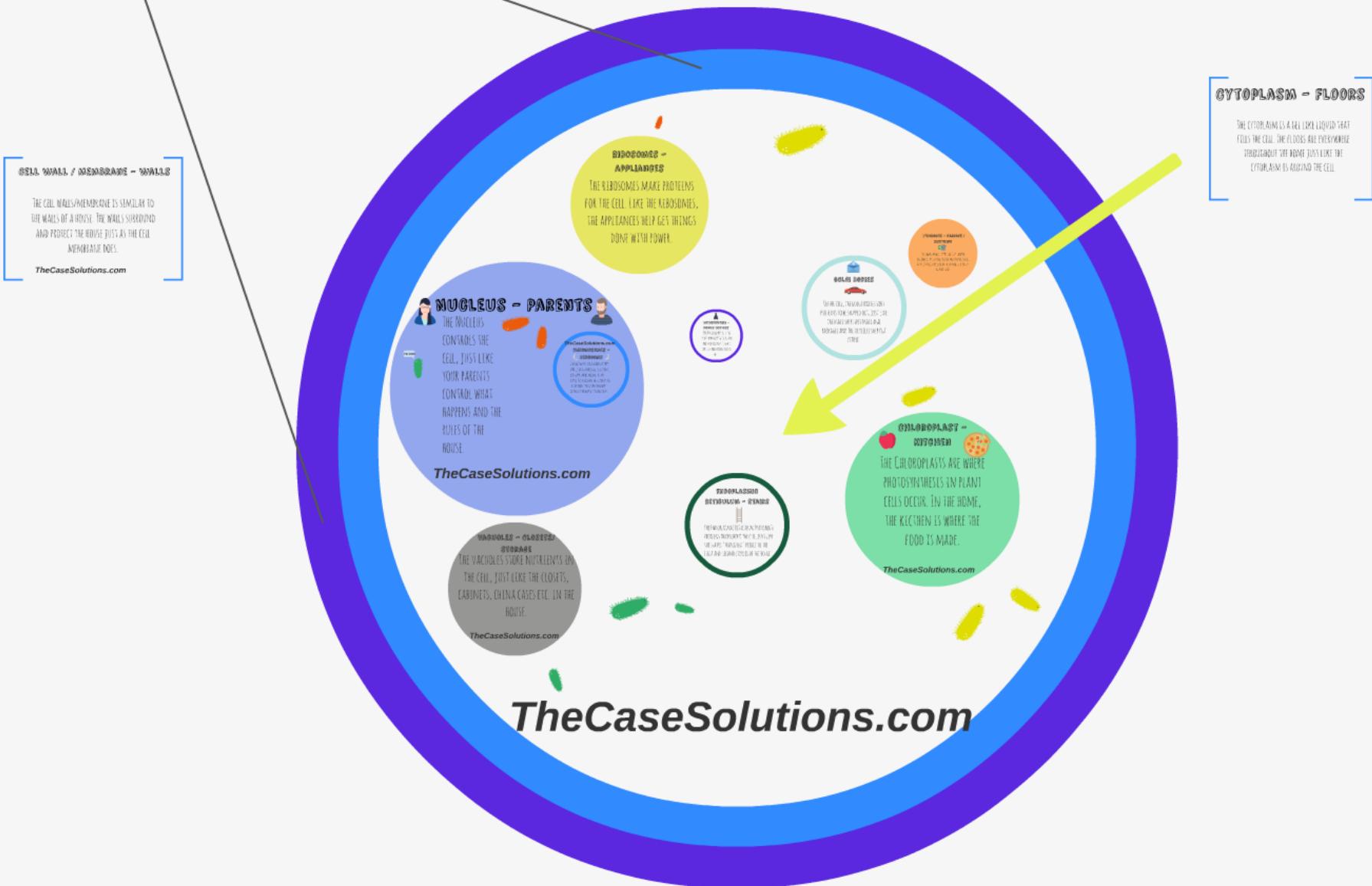
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# The Thermostat Industry: Transformation from Analog to Digital

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# CELL WALL / 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.

## CYTOPLASM - FLOOR

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

- WALLS

WALLS TO SURROUND 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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## VACUOLES - CLOSET & STORAGE

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

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## RIBOSOMES - APPLIANCES

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

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## ENDOPLASMIC RETICULUM - STAIRS

THE ENDOPLASMIC RETICULUM PLAYS A KEY ROLE IN THE CELLS, JUST LIKE THE STAIRS TRANSPORT PEOPLE FROM THE TOP AND BOTTOM FLOOR OF THE HOUSE.

## CHLOROPLAST - KITCHEN

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

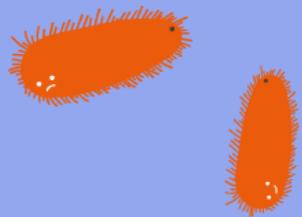
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## CHROMOSOMES - BEDROOMS

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.

THE ENDP



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