Name _____ Date _____ Year _____ Teacher _____

PLANT CELL STRUCTURE

จงเติมส่วนประกอบของเซลล์พืชลงในช่องว่างให้ครบถ้วนสมบูรณ์ (15 คะแนน)

It regulates different activities in the cell.

It is the "brain" of the nucleus. It helps in the synthesis and production of ribosomes.

It is where protein synthesis takes place.

It is the cell's outer cover. It protects and gives shape to the cell.

It creates and transports materials into different parts of the cell.

Found inside the cell wall, it controls what materials go in and out of the cell.

This ER helps in the production and quality control of proteins. It also has millions of ribosomes.

It stores waste, water, and nutrients. Most plants only have one vacuole.

It is a thick liquid that fills spaces in the cell to help retain its form.

This ER helps in the production and synthesis of lipids. Unlike rough ER, it does NOT have ribosomes.

It serves as starch storage for plants.

It breaks down sugar (from the chloroplast) into energy that the cell can use. It is also called the "powerhouse" of the cell.

Through photosynthesis, this organelle makes sugar for the cell.

It is a series of flattened sacs that help sort proteins synthesized in the rough endoplastic reticulum.

It stores excess calcium, called calcium oxalate, in plants. High amounts of this calcium makes a plant poisonus to humans.

LIVEWORKSHEETS