

Name: _____ Date: _____

Wait, Your Hand is a City? Kindergarten Cell Secrets

Can you design a tiny factory that builds a whole human? Advance from basic body parts to engineering the microscopic engines that power life.

1. If your body is a giant LEGO castle, what is the single LEGO brick called that makes up the whole thing?

- A. A bone
- B. A cell
- C. A muscle
- D. A skin

2. The center of the cell is like a 'Brain' that tells the rest of the cell what to do. This part is called the _____.

- A. Shell
- B. Engine
- C. Nucleus
- D. Flower

3. A cell has a thin 'skin' called a membrane that decides who is allowed to come inside and who must stay out.

- A. True
- B. False

4. Imagine a cell needs to run a race. Which part acts like a tiny battery to give the cell 'Go-Go' energy?

- A. The wall
- B. The hair
- C. The mitochondria
- D. The water

5. When a cell gets too old or messy, it uses a part called a _____ to chop up trash and keep things clean.

- A. Lysosome
- B. Ribosome
- C. Backpack
- D. Pillow

6. A single tree is made of millions of tiny cells, just like a human is.

- A. True
- B. False

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7. Inside the cell, there is a jelly-like liquid that holds everything in place so the parts don't bump into each other. What is it?

- A. Milk
- B. Cytoplasm
- C. Glue
- D. Air

8. Cells are like tiny chefs! They use _____ to build proteins, which are the 'muscles' the cell uses to grow.

- A. Ovens
- B. Spoons
- C. Ribosomes
- D. Books

9. How do cells make more cells so that you can grow taller?

- A. They buy them at the store
- B. They fall from the sky
- C. One cell splits into two cells
- D. They grow on trees

10. The Golgi apparatus is like a post office because it packs up 'mail' (proteins) and sends them to the right place.

- A. True
- B. False