

# kids' kreation



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# 105

## CELLS

Proclaiming the God of the impossible

Jesus wove together 50 trillion very complex cells to form your body—an impossible feat for anyone else.

Here is a simple drawing of a single cell.

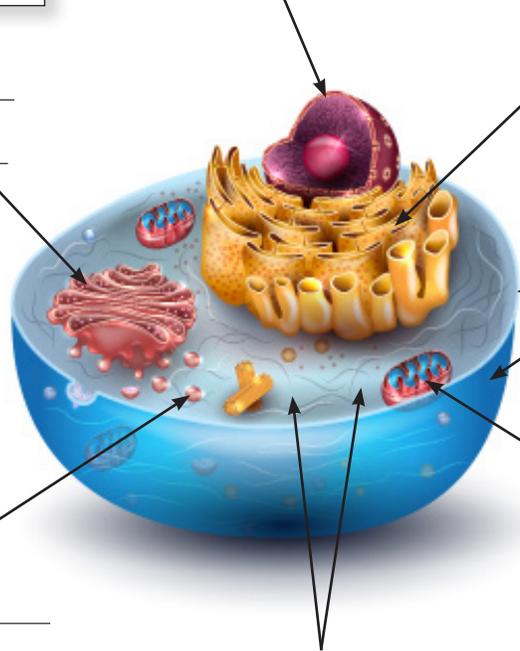
Name: \_\_\_\_\_

Job: \_\_\_\_\_

Name: \_\_\_\_\_

Job: \_\_\_\_\_

Try your hand at naming each of the organelles shown in the picture and briefly describe their job in the cell. (Answers are on back page.)



Name: \_\_\_\_\_

Job: \_\_\_\_\_

Millions of things are happening in each of your cells right now. Who other than God could orchestrate such an enormous undertaking?!

Cells do not stand still. Their organelles constantly move around inside and cells regularly change shape.

### PHOTO CREDITS

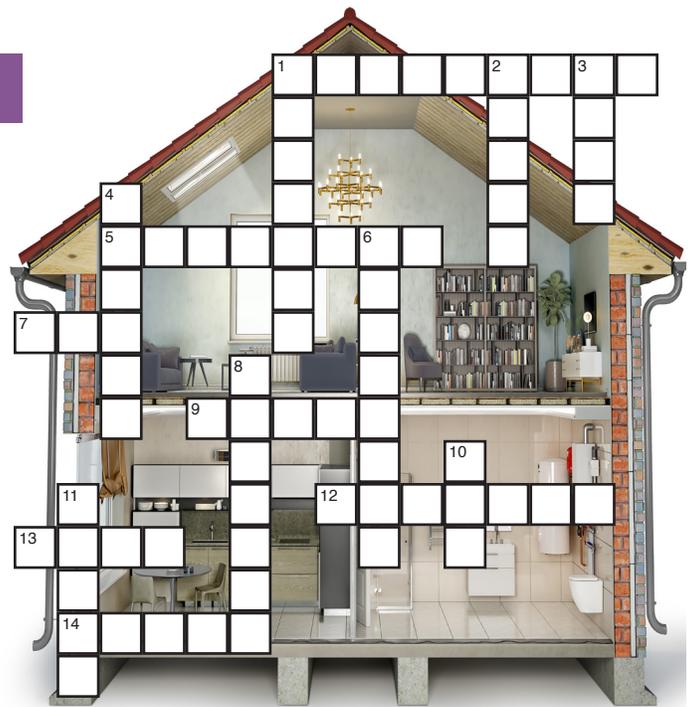
Cell—© Tefi / Shutterstock  
House—© studiovin / Shutterstock  
Organelles—© Tefi / Shutterstock

# CROSSWORD

Answers to CROSSWORD found in *kids' kreation* # 104

- Down:** 1. SUPERNOVA 2. MASS  
3. WISP 5. MILLION 6. NUCLEAR  
7. ELECTRONS 8. LIGHT  
**Across:** 1. STARS 4. GALAXIES  
5. MINUTES 9. LUCIFERIN  
10. AURORAS 11. SUN

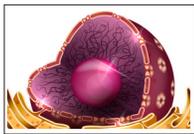
The words used in the CROSSWORD are taken from the articles found in *CREATOR* Volume 26 Number 1.



A cell is like a house with many rooms.

## Across

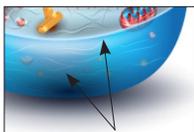
- The smooth endoplasmic reticulum (smooth ER) is a “cupbearer”—it removes harmful \_\_\_\_\_ from the cell.
- Proteins are manufactured by a tiny machine called a \_\_\_\_\_.
- \_\_\_\_\_ contains the instructions on how to build the protein molecules in a cell.
- Mitochondria are unique organelles that break down \_\_\_\_\_ into energy.
- “For you formed my inward parts; you \_\_\_\_\_ me together in my mother’s womb” (Psalm 139:13 ESV).
- We can liken a cell to a well-managed \_\_\_\_\_.
- A lysosome is an organelle that helps keep the cell free from \_\_\_\_\_ and debris.



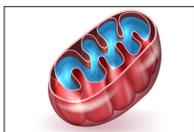
Name: Nucleus  
Job: Control center of the cell



Name: Endoplasmic reticulum  
Job: Makes proteins



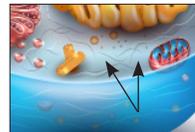
Name: Cell membrane  
Job: Protects cell



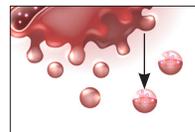
Name: Mitochondrion  
Job: Energy factory

## Down

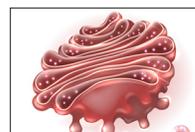
- The liquid inside our cells is called \_\_\_\_\_.
- Each of our bodies is composed of 50 trillion \_\_\_\_\_.
- All \_\_\_\_\_ is made up of cells.
- Organelles are the “little \_\_\_\_\_” of a cell.
- Each of our cells is surrounded by a \_\_\_\_\_.
- The most important organelle of a cell is the \_\_\_\_\_.
- In a cell, energy is stored in tiny “batteries” called \_\_\_\_\_.
- The \_\_\_\_\_ apparatus is where proteins are distributed both inside and outside the cell.



Name: Cytosol  
Job: Cell solution / Liquid of cell



Name: Vesicle  
Job: Stores & carries proteins



Name: Golgi apparatus  
Job: Packages & ships proteins