

Living things are made of cells. In class, you will see objects and pictures. Some will be living things, and some will be non-living things. Put the objects or pictures into groups. Use these questions to help you:

- Is it made of cells?
- Does it have just one cell?
- Does it have many cells?
- Is it made of animal cells?
- Is it made of plant cells?

Beyond the Book

Ask an adult to help you use the Internet. Learn more about living things that are made of just one cell.

Amazing Cells

Sciènce A-Z 😻

FOCUS Book





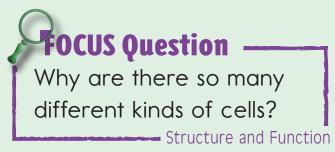


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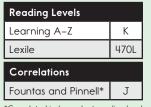
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*Correlated independent reading level

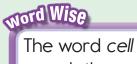
All plants and animals are made of the same thing. Cells! Your whole body is made of cells, from your

head to your toes!

Some living things have only one cell. Other living things have many cells.

These living things are

made of many cells.



sounds the same as the word *sell*.

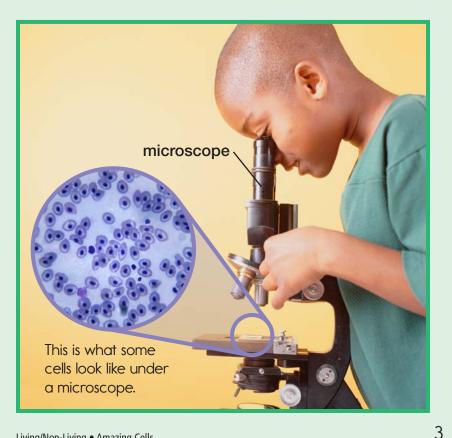


This tiny living thing is made of just one cell.



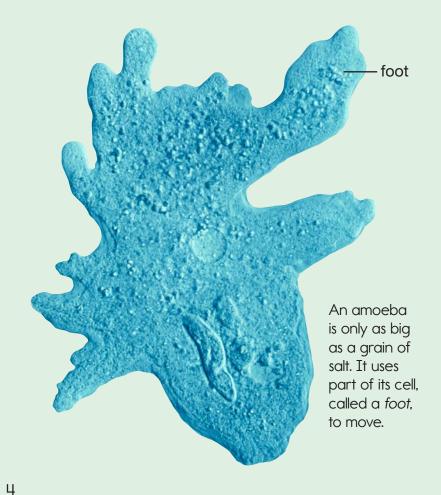
Too Small to See

Cells are very small! We need help to see them. A *microscope* (MY-kro-skope) is a machine that makes small things look big. People use microscopes to look at things they cannot see with just their eyes.



Tiny Greatures

An amoeba (uh-MEE-buh) is a tiny living thing. It is made of just one cell. You can only see an amoeba with a microscope. It looks like a blob of jelly!

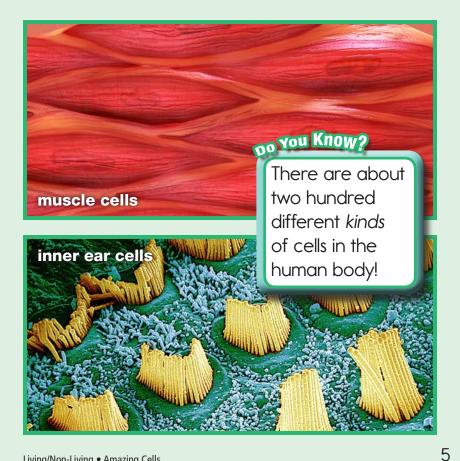




So Many Cells!

Larger animals have many kinds of cells. Some cells are round and wide. Some cells are long and thin.

Each cell has a job to do. Its size and shape help the cell do its job.



Blood Cells

Blood moves to different parts of the body. Animals have red and white blood cells.

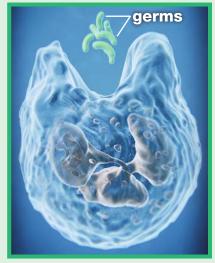
Red blood cells are thin and can bend. They carry a gas called oxygen (OK-sih-jun).

White blood cells come in different shapes and sizes. White blood cells

help keep animals from getting sick.



Red blood cells look like small circles. They can squeeze through small spaces!



Some white blood cells get rid of germs in your body. Germs can make you sick.



Skin Cells

Skin cells are on the outside of the body. They are flat. Skin cells protect the rest of the body.



Some animals have skin that can change color. Their skin is made of special cells. The animal can change its color to scare away other animals. Colorful skin cells

can also help it blend in.

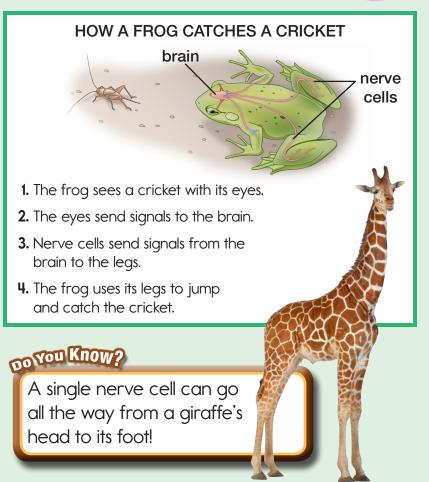
> Some lizards have special skin cells that change color.



Nerve Cells

Nerve cells can be very long. They send signals in the body. Animals use nerve cells to smell, hear, and see! nerve

cell



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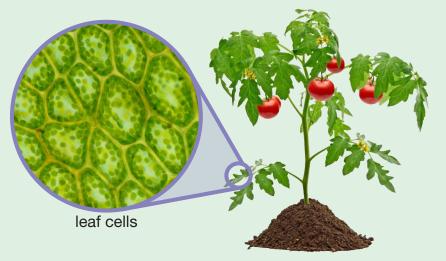
Plant Cells

Plants are made of many kinds of cells. Plant cells are different from animal cells. They have special parts that help them turn sunlight into food.

Plant cells have thick covers on the outside. These covers make plant cells strong.

With strong cells, some plants can grow very tall.

All living things are made of cells!



Read-Think-Write

Write or draw your answers on separate paper. Use details from the book to support each answer.

- What is a microscope?
 - (A) a machine that makes things look bigger
 - $\ensuremath{\mathbb{B}}$ a machine that makes things look smaller
 - © a machine that makes things get bigger
- 2 What are the two kinds of cells in blood?
- Sook at the picture of the nerve cell on page 8. Why are some nerve cells so long?
- Why do plant cells have thick covers on the outside?

FOCUS Question

Why are there so many different kinds of cells? Pick two different kinds of cells. What job does each kind of cell do?



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