

The background features a gradient from green at the top to blue at the bottom, with a starry or particle-like texture. On the left side, there are several concentric circular patterns and a large arc with a scale ranging from 140 to 260. Some of the circles have arrows indicating a clockwise direction.

PROKARYOTES VS EUKARYOTES

FOLDABLE

FRIDAY 9/28/18 – **WHAT IN THE CELL IS GOING ON?**

Can you list the levels of organization from smallest to largest?

Can you identify three main functions of cells?

Can you differentiate between prokaryotes and eukaryotes?

After today, you should be able to! 😊

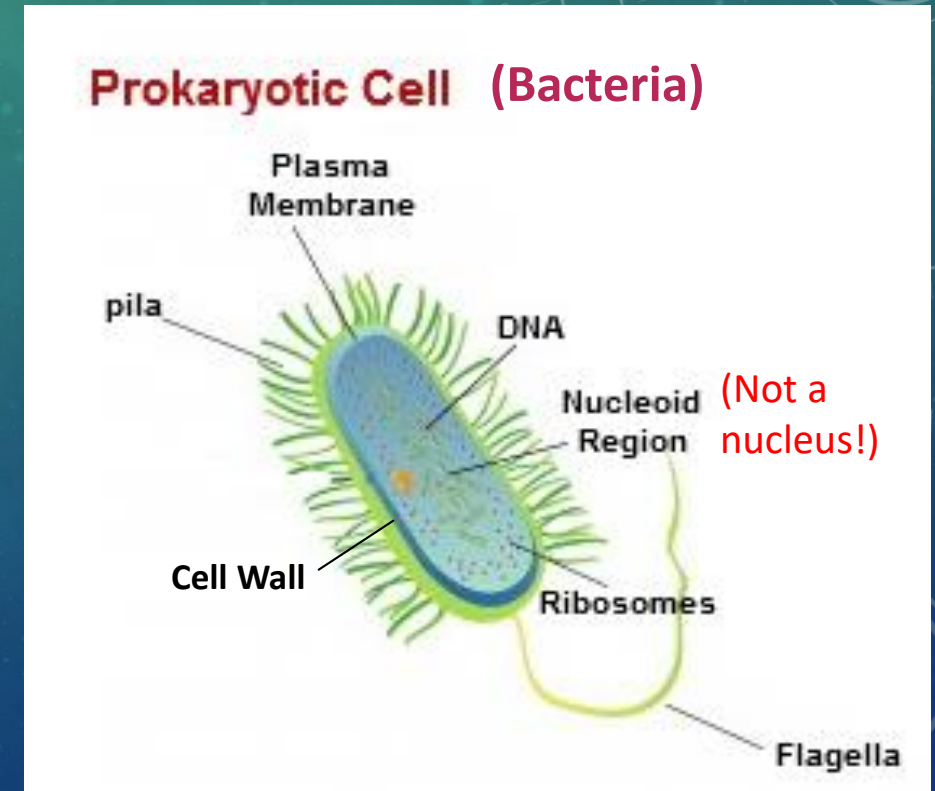
MAKE YOUR FOLDABLE:

1. Fold your paper in half lengthwise
2. Cut on the dotted lines to make 3 flaps

OPEN THE FIRST FLAP: PROKARYOTES (write PRO-NO)

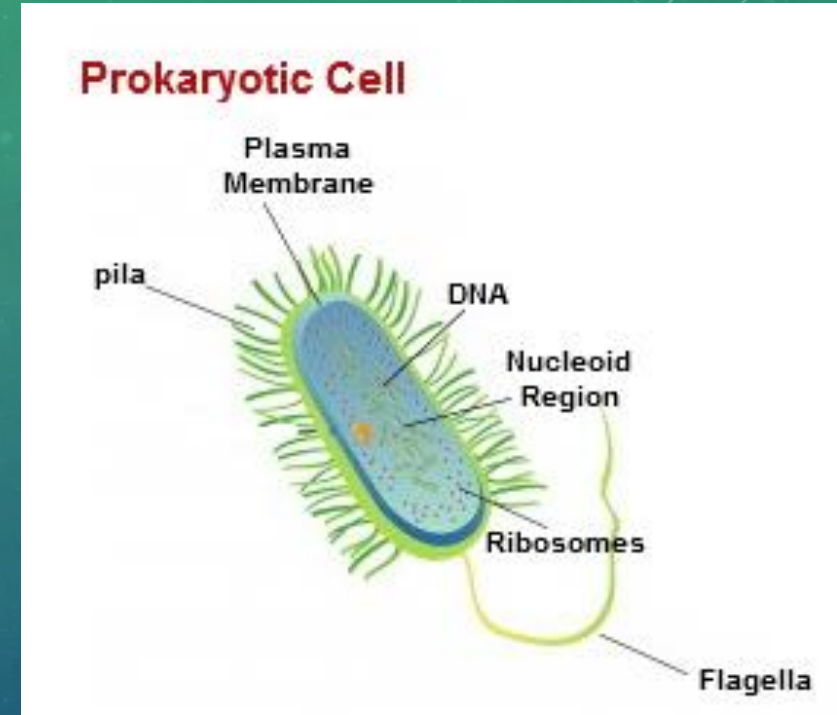
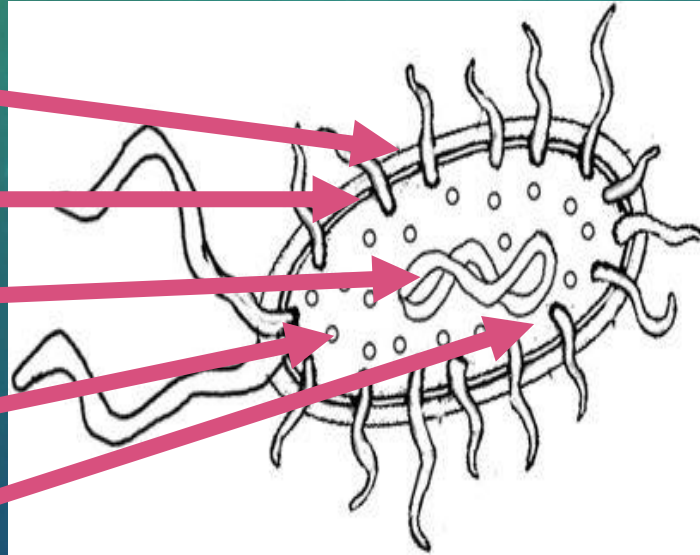
At the top of the flap under Characteristics, write:

- Unicellular
- Circular DNA
- Ribosomes
- Cell membrane
- Cell Wall
- NO membrane bound organelles
- All are bacteria



LABEL IMAGE

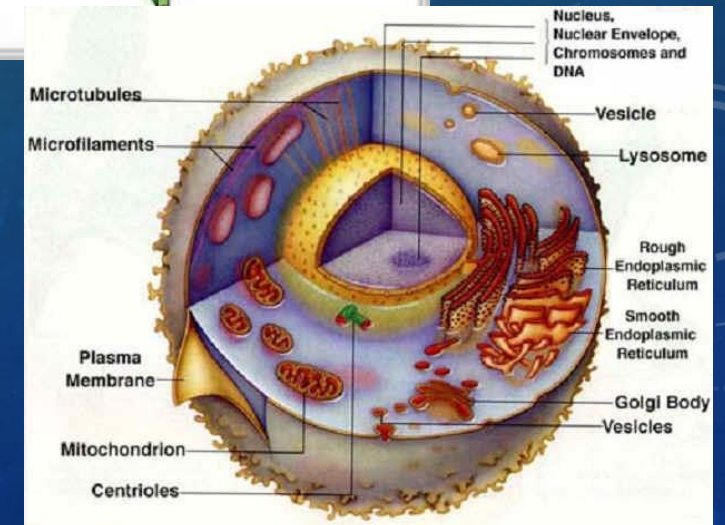
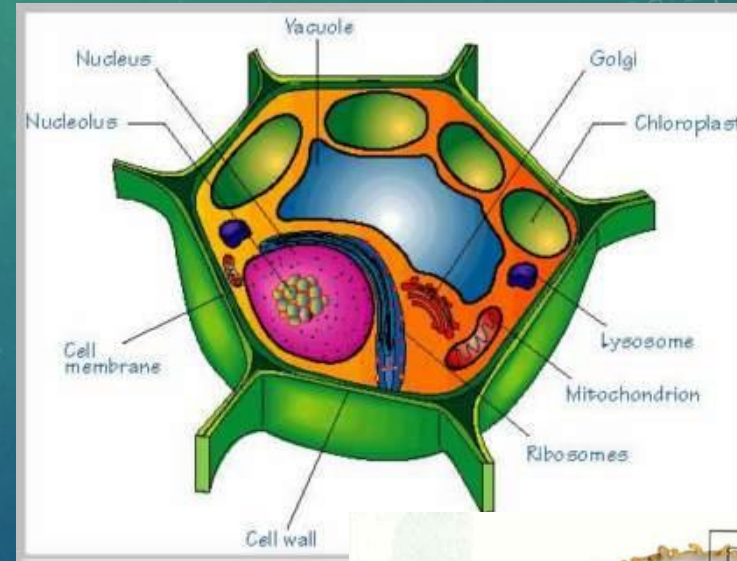
- Cell Wall
- Cell Membrane
- DNA
- Ribosomes
- Cytoplasm



OPEN THE THIRD FLAP: EUKARYOTES (write EU-DO)

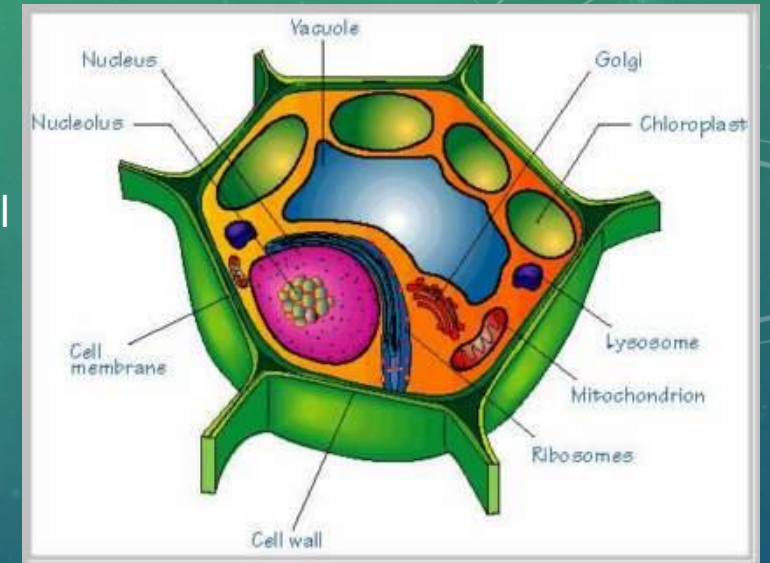
At the top of the flap under Characteristics, write:

- Unicellular and Multicellular
- Linear DNA in a nucleus
- Ribosomes
- Cell membrane
- Cell Wall
- Membrane bound organelles
- All living things except bacteria (plant, animal, fungus, protists)

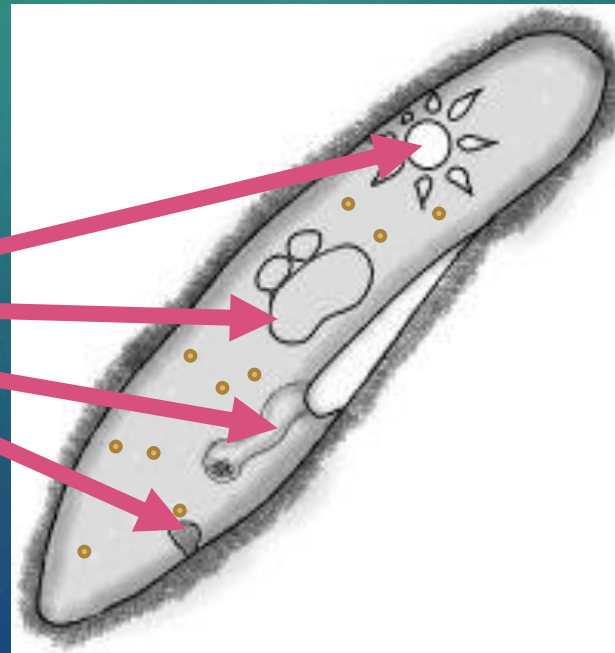


LABEL IMAGE

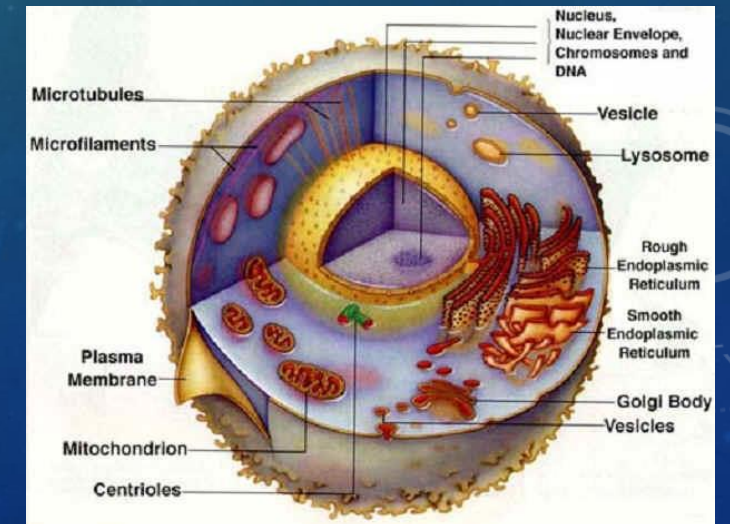
Plant Cell



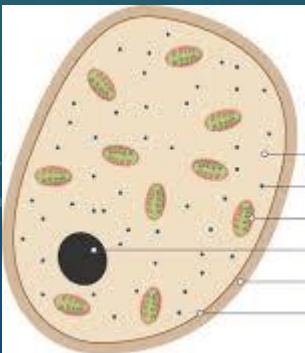
Protist Cell



Animal Cell



- Nucleus and other organelles

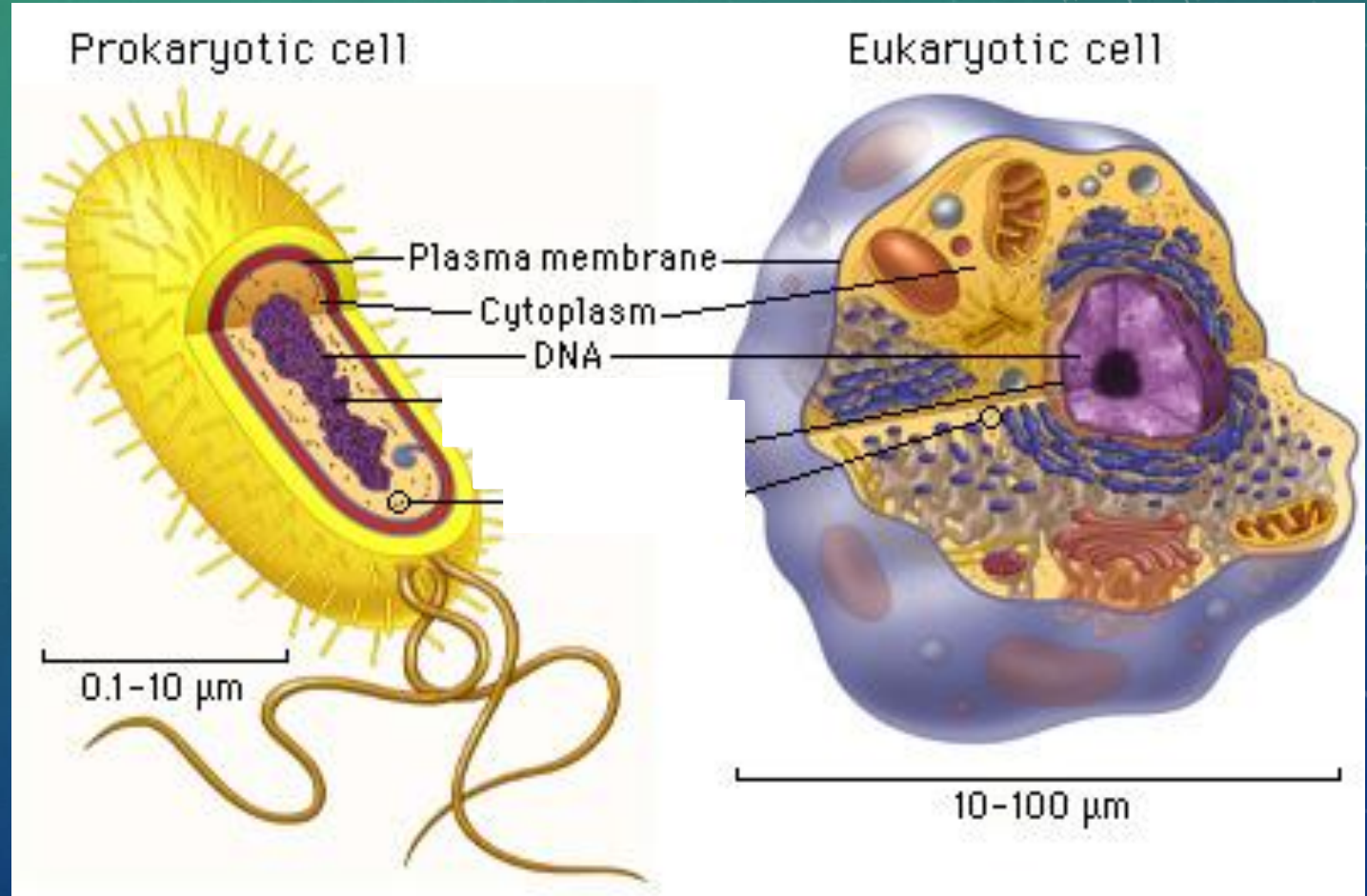


Fungus Cell

OPEN THE MIDDLE FLAP: BOTH

At the top of the flap, write:

- Unicellular
- DNA
- Ribosomes
- Cell membrane
- Cell Wall

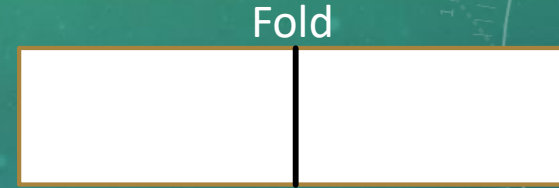


CELL IMAGES


Draw a line from each organism in the center section to the cell it is made up of.

FLIP TO THE BACK OF THE FOLDABLE

1. Draw a line down the middle



2. On the right side, write:

	<u>Plants Have:</u> <u>Animals Have:</u>
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3. Under plants, write:

Cell Wall

Large Vacuole

Chloroplasts

Under animals, write:

Lysosomes