**Cell Theory Rap**

**Introduction:** What better way to memorize the parts of the cell but by becoming a famous musician and making Mr. Budd proud? That is exactly what we are going to do. You will have until **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** to put together a performance of the cell theory rap. This presentation will be done for the class in groups of **NO MORE THAN** three. You may do the presentation alone if you choose though it will be much harder to perform. You will be graded as a group, so choose your partners wisely. You will all receive the same grade.

**Rules** - You will be graded on the following things:

Entire Rap (or assigned part of rap) must be memorized by each person in the group. No notes allowed if done in front of class.

You may add sound to your presentation as long as:

1. It is used as an introduction to your rap or a soft backbeat (can’t overshadow voices)

2. You supply it and bring something to play it on if other than cd or ipod NO PHONES!!.

3. It is appropriate and approved by me no later than **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

You should be creative

Your presentation should take no longer than **5 minutes** per group

If not done in front if class here are some ideas- moviemaker, powerpoint, xtranormal. See me for help if you are still needing help.

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| **Rap:** Listen close to the story I tell. It's the rapping story of the living cell. It's a happy tune that's sort of cheery. About a real tough topic called the cell theory. All animals, plants, and protists too, Are made of cells with different jobs to do. They're the basic units of all organisms, And I hope by now you got the rhythm. It all started with one dude named Hooke. Who at some cork cells took a look. He used a scope and took his time. 'Cause a cell is small and thinner than a dime. Say 1, 2, 3,4, Are you ready to learn some more? The animal cell has many parts, And you must know each one by heart. Like the farmer man in the dell. The nucleus controls the cell. its gives the orders -- kind of like a brain. And it's protected by a nuclear membrane. Around the cell, you'll find another "skin," The cellular membrane holds the whole cell in But its job isn't simple there's no doubt, It lets some particles go in and out.  | Now please don't lose your science enthusiasm, Listen to the story of the cytoplasm. All around the cell this thick fluid does go, But in the nucleus it will not flow. And don't forget those ribosomes - This is where proteins come from. These protein factories are so small, you'll agree, You need an electron microscope to see. Just when you thought you weren't having any fun, Along comes the endoplasmic reticulum. These tubelike structures serve as a track, To carry stuff to the membrane and back. Now have you ever seen any doughnuts without holes? In a cell, they're called vacuoles. They're filled with stuff like H20 And they carry food so the cell can grow. Last of all, but not the very least, Mitochondria - mighty cellular beasts, Since they turn sugars into energy so well, We call them the powerhouse of the cell. Now my friend, you know it well, The unforgettable story of the living cell.  |