me:

CHROMO---What? What's in a Name?

+ Sisteralite centronere Prophase, Metaphase - Chromatia Taterphase Chromatin anomal chiow osone Chromosome Majorase, Telophasa 1 . werphase days hter e Womosomes としているとう

## Mitosis Lyrics:

From:

http://www.youtube.com/watch?v=JHRBJgq 50dk

Those cells they're everywhere.

Cells are things plants and animals share.

But if you want to know something hip,

Just check out how cells split....

(They split by....) MITOSIS, MITOSIS What every cell knows is When it comes time to divide, Mitosis will be working inside.

You see a cell's life is all worked out.
There is no room for doubt.
The cycle keeps on turning
And the cells they keep on yearning.

For ... MITOSIS, MITOSIS
What every cell knows is
When it comes time to divide,
Mitosis will be working inside.

At first a cell must grow

And what soon begins to show

Is that <u>Interphase</u> isn't much trouble.

It's just that everything inside must double.

All the DNA replicates
And a very big change that makes.
The reason things look different is
The chromosomes got chromotids.

(It's for) MITOSIS, MITOSIS What every cell knows is When it comes time to divide, Mitosis will be working inside. Mitosis has four distinct phases
And those chromosomes all have places
When they have to move
To do the cell division groove.

(Oh yeah!) when it comes time to divide, Those chromosomes will be moving inside.

At <u>Prophase</u> they make the nucleus fizzle.

During <u>Metaphase</u> they move to the middle.

In <u>Anaphase</u> their centromeres split.

And in <u>Telophase</u> on the poles they sit.

And when all the four phases are through,
The one cell will become two.
'Couse the cytoplasm splits apart
And then new cells move back to the start.

MITOSIS!

Name:	Date:	Period:
MITOSIS	· DN;	rphase A replicates gest period trioles divide
		XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
· Animal: cell pinches in the Plant: builds wall between new cells	A	Midosis Prophase nuclear membrane breaks chromatin condenses down
	S	pindle fibers attach to centremeres  X 7
• nuclear membrane reassemb • spindle fibers disappear	В. Ма	romosomes line up along equator
	c. And	aphase aromatids (1/2's) separate pindle fibers shorten