## Cell City Worksheet - high school

The "Virtual Cell" will allow you to get a close-up view of several organelles in 3-D! You will be able to choose certain organelles within the cell and manipulate them by zooming in on the organelle, rotating the image, and dissecting several organelles to view their contents. The intent of the activity is to provide you with a better feeling of the appearance (structure), function, and location of the organelles.

You should explore the following organelles within "The Virtual Cell": Please check them off as you go.

\*\*\* The "Virtual Cell" will provide you with more information to add to your Organelle Table.

I. Click on the "Virtual Cell Tour" and answer the following questions:

1.1. Centrioles are only found in		Centriole
They have	groups of arrangement of the protein	
fibers. Draw a picture of a centriole in the	box.	
body. They consist ofenzymes. Those lumpy They help protect you by	a single membrane surrounding powerful brown structures are digestive the bacteria that your white blood cells up crew for the cell. Zoom in and draw what you	Lysosomes
membrane. The stacks of disk like structur	They consists of a es are called the The membranes. Zoom in and draw	Chloroplasts