**AP Biology Cell Organelle Stations: Choose your own adventure.**

**We will have an organelle quiz on Tuesday. With a few exceptions, this is review from Honors Biology. You are responsible for recalling the information by using the following activities.**

**For your classwork grade you must complete three activities of your choice to review.**

1. Practice Quiz

Number your paper #1-18.

Write at least ONE key word/phrase from each question.

Answer the question.

Get the key from the front table and grade yourself!

Return materials.

1. Organelle Chart

Complete the chart.

Use iCell, online resources or a textbook to help you fill in the information.

Highlight in GREEN all organelles that are found in PLANT CELLS only.

Highlight in RED all organelles that are found in ANIMAL CELLS only.

Highlight in Yellow the items that are found in PROKARYOTES.

1. Compare and Contrast

Create a Venn diagram to compare and contrast prokaryotes and eukaryotes.

Create a Venn diagram to compare and contrast Plant and Animal Cells.

Create a Venn diagram to compare and contrast Plant and Fungal Cells.

1. Haiku

A haiku is a Japanese poem that has three lines.  Each line has a specific number of syllables- Five, Seven, and Five.  Usually haikus are written about something in nature.

Read these Cell Organelle haikus.  Try to determine what organelle is described in the haiku.

Haiku A Haiku B

Photosynthesis All eukaryotes

Sunshine to carbohydrates Glucose converts in all cells

Lean, green plant machine ATP for me!

Who am I? Who am I?

Haiku C Haiku D

Rectangle, box, cube Sometimes I float free

It is hip to be a SQUARE Polypeptides made on me

Structure and support See me?  Tiny dots

Who am I? Who am I?

Haiku E

Homeostasis

Like a bouncer at a club

Needed bilayer

Who am I?

Write two cell organelle haikus. Give them to your neighbor to answer and critique.

1. Cell Analogy

Take a bag of cards from the side counter. Organize the terms and phrases based on organelle function. Each organelle should be paired with the correct function.

Match the part of the school that would represent the organelle in an analogy.

Get the key from the front table.

Have Mrs. Handest initial your paper for completion.

Make notes /take a picture of the key or matching and return materials.