**DAILY HOWL Cycle #13**

**DAY 1 THURSDAY 12/14/17**

Explain (in sentences) why the white thing on the table is called a ***diffuser***.

**DAY 2 FRIDAY 12/15/17 - Substitute In**

1. TRUE/FALSE (if False, fix to make it true) Osmosis is a type of diffusion.

2. TRUE/FALSE (if False, fix to make it true) Diffusion is a type of active transport.

3. The 2 types of active transport are

 a. b.

**DAY 3 MONDAY 12/18/17**

True/False (fix to make true statement) Use FUSION text – include page(s) you use as ref(s)!

1. Plants use cellular respiration to get energy from food.

2. Only animal cells have mitochondria.

**DAY 4 TUESDAY 12/19/17**

\*\* Use sketches with labels and appropriate terms to explain the blue/red water demo from yesterday (pictures on the December DH page!).

 - Put a BOX around vocab word**S** - - be sure to explain what they mean and how they apply!

 (the word wall may be helpful!) - - picture also on December DH page!)

HINT: Think like you are an illustrator for a science textbook company! Create the figure, label, then include the caption to explain it!

**DAY 5 WEDNESDAY 12/20/17 \*\*\* NO MOD 3 or 4 today! Christmas Scrooge Movie for team**

**\*\*\* DH C#13 will be collected on WED Day 3 when we return!**

 (use your previous knowledge and research skills to complete the below table – the title of the table and the headings in the text to narrow down your search! The info is on the pages that were assigned Friday last week when the sub was in!)

“groups” of organisms getting food page \_\_\_\_\_

term description example

p

c

d

**DAY 6 THURSDAY 12/21/17** Shared two demonstrations in class today:

1. Water balloon – representing the large central water vacuole in healthy plant cells

 Noted the balloon when empty….and as it was filling….until too much water caused it to….

 Turgor pressure; plant cell; large central vacuole…..

2. three different balloons; represent a cell – balloon material = cell membrane

 2 of the balloons had scents in them that were able to pass through the “membrane” – evidenced

 that some materials able to escape while others (water) stayed inside the balloon;

 used lavender oil and garlic oil….osmosis; semi-permeable; smelly balloons/plain water balloon

\*\* Short answer - - choose ONE of the demos to explain;

 put a BOX around any vocab words and be sure to explain within the context of your short answer

 response SHOW the evidence that you understand what the demo represented AND how it ties to

 the various cell content we have been learning! EXPLAIN, draw sketches; 5th grade understanding!