

Name:

Class:

Date:

## Review for Cells Quiz

The quiz will be on the Tuesday we return from vacation.

- This quiz will count as 10% of the grade and all students will have an opportunity to do corrections.
- All students can create a study guide from the information below for +5.
- Students should complete the assignment in their CK-12 account to help them review. (Will be posted by Sunday 2/15). The assignment will be counted as a 10 pt homework due by Monday evening.
- Review and extra help will be held on Monday 2/23 (review in class and Extra help at lunch).
- *I will check my email, class messenger and Engrade until Sunday 2/15. (I will be taking an email vacation until Monday 2/23!) If students are having trouble creating an account and for some reason did not let me know, they MUST let me know by Sunday the latest so I can try to help. HOWEVER, if students check the details of the assignment on Engrade, they should know where to go and what to do.*
- Any students that are absent are expected to make up the homework assignment and the quiz upon their return to class if they did not have access to the Internet while they were out.

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**Topic:** Cells and the Characteristics of Life (See back/page 2 for Characteristics of Life Chart)

**Know:** living, non-living, cell, nucleus, cell membrane, cell wall, mitochondria/mitochondrion, large/central vacuole, chloroplast

**Be able to:**

- classify a specimen as either living or non-living
- identify the structures and functions of cell organelles listed above
- compare and contrast a plant and animal cell

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The format of the quiz will be:

**Part 1: Vocabulary-** You will be given a definition and 4 word choices

Sample Question:

This word is the green pigment found in plant cells.

- A. ribosome
- B. chloroplast
- C. cell wall
- D. chlorophyll

**Part 2: Vocabulary Application-** You will be asked to provide an example of a living organism AND a non-living object. THEN, explain why that example is living or non-living using at least THREE of the characteristics of life.

**Part 3: Multiple Choice-** You will be given multiple choice questions based on the vocabulary and skills listed above.

**Part 4: Short Answer:** You will be given 1-2 short answer questions to answer based on the vocabulary and skills listed above.

# 6 Characteristics of Life

There are 6 Characteristics that all living organisms share:

1. CELLS - living organisms are made of ONE or more cells
2. ORGANIZED STRUCTURES - even single-celled organisms have structures (parts) that have specific functions (jobs)
3. GROW + REPRODUCE - all living organisms grow at some point and have the ability to reproduce
4. RESPOND to the ENVIRONMENT - all living things have ways of interacting with their environment
5. ENERGY - all living organisms need to obtain (get) and utilize (use) energy to survive
6. HOMEOSTASIS - all living organisms want to survive! they have methods of maintaining a stable internal environment