

ORGANELLE RAP OR SONG

INVESTIGATIONS IN SCIENCE 7

Science Anchors

Science anchors are ongoing engaging tasks that students can work on independently. They are curriculum based, clearly defined and differentiated for students. Students can work on science anchors as they complete work at varying rates, when the teacher is working a small groups of students, at the beginning or end of the class period, or when they are waiting for teacher assistance. Sample science anchor tasks include: reading and responding to text, journaling, learning or interest centers, listening or viewing centers, independent research or projects and hands-on minds-on science kit tasks. Provide a variety of anchor tasks at your anchor station to address the diverse learning styles, interests and readiness levels of your students.

Purpose

Compose and perform a rap or song to enrich understanding of organelles.



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Organelles Rap or Song

Anchor Task 2

Overview

This anchor task is designed to be used by students as they are learning about the cellular anatomy.

Goals

Students should be able to distinguish between

plant and animal cells.

Students should understand

the function of various organelles.

Students should be able to

develop a rap or song to communicate the functions of organelles within a plant or animal cell.

Engage

Show and discuss the “The Organelle Song” at the link below:

<http://www.youtube.com/watch?v=JnitUtEGa4I>

The lyrics of the song are provided on the next page.

Optional-Show and discuss the “Cell Rap” at the link below:

<http://www.youtube.com/watch?v=jtf7MKDBF6O>

INVESTIGATIONS IN SCIENCE 7**Organelles Rap or Song****Anchor Task 2**

continued

Required Resources

- “The Organelle Song” or “Cell Rap” video segment
- One Organelles Rap or Song resource page per student
- Music selections provided by teacher or students
- Computer(s) or audio player with headphones
- Blank paper
- Optional– Music composition paper

Extend

Have students make a music video.

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The Organelle Song

Lyrics

<http://www.youtube.com/watch?v=JnitUtEGa4I>

People have organs

And so does a cell

But they're not called cellgans

They're called organelles

The nucleus is the center

Without it there's no life

If the cell were a husband

The nucleus is the wife

It's quite important I have to say

Because it's the house for the DNA

The endoplasmic re-tic-u-lum

It transports proteins just for fun

Ribosomes hang out in the ER all day

Where they sit and store RNA

There's the powerhouse or mitochondria (um)

If energy's what you need Mito's the one

Vacuoles catch food or waste to maintain fluid levels

Without these fellas you'd feel pretty disheveled

The cytoskeleton helps a cell keep its shape

While cilia and flagella they go place to place

Plastids help with photosynthesis

Finally there's lysosomes which help to digest

If there's more well we don't know the rest

Because people have organs

And so does a cell

But they're not called cellgans

They're called organelles

These are the organelles that reside within a cell

Or-ganelles x3

We love organelles

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Organelles Rap or Song

Anchor Task 2

Directions

Work with your group to choose your music, write your lyrics, and prepare your performance.

Your group will perform for the class on_____.

Work as a group to answer the questions below.

1. Will your group write a rap or another type of song?
2. Will your group generate its own music or re-write the lyrics to an existing song?
3. How will your group work together to produce a rap or song?

Extend:

Make a music video for your rap or song. An example of an organelle song can be viewed at the link below.

<http://www.youtube.com/watch?v=JnitUtEGa4I>

