

Project FOCUS
Best Lessons
FIFTH GRADE

Title of Lesson: Twerk It Out

Theme: Life Science

Unit Number: [Click here to enter text.](#)

Unit Title: Cells & Organelles

Performance Standard(s) Covered (enter code):

S5L3

Enduring Standards (objectives of activity):

Habits of Mind

- Asks questions
- Uses numbers to quantify
- Works in a group
- Uses tools to measure and view
- Looks at how parts of things are needed
- Describes and compares using physical attributes
- Observes using senses
- Draws and describes observations

Content (key terms and topics covered):

Identify parts of a plant cell (membrane, wall, cytoplasm, nucleus, chloroplasts) and of an animal cell (membrane, cytoplasm, and nucleus) and determine the function of the parts.

Learning Activity (description in steps)

Abstract (limit 100 characters): In this activity the students were split into groups where they each individually researched a different organelle found in a cell and came up with a dance move to act out the organelle they researched.

Details: The students were split up into groups and the number of groups was dependent on the number of students. Make sure that each group has enough students to act out the different organelles in the two different types of cells – plant and animal cells. Once the students were divided into groups give each student was given an organelle to research and find three facts about the organelle. My students used their books for their research of the organelles. After they researched the organelle they created a dance move that best exemplified their organelle. The students then got with the other members of their group and planned out how their “cell” would act out each dance move together. Each group would perform in front of the other groups and the members of the other groups would have to guess what each person’s organelle was. If the students had trouble guessing the organelle would give tell the students the three facts they researched to help them guess the organelle.

Materials Needed (type and quantity): Textbook, maybe tape to make a circle on the floor so that they can visualize the cell when they dance out their organelle.

Notes and Tips (general changes, alternative methods, cautions): Don't allow the students to pick their own groups or organelles. That's never a good idea. Make sure that the students stay on task because this activity can get out of hand fast with the kids dancing around. Be careful with the dance moves, sometimes the kids can get a little too excited and dance too hard and hurt the students around them.

Sources/References:

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- 2) Click here to enter text.
- 3) Click here to enter text.