Nadia R. Pasquale

"Classification of Cells"

Research based lesson Pt.1

Learning Goals and Objectives:

- The students will be introduced to different types of cells found in the human body.
- Powerpoint presentation will provide visual aid on multiple types of cells such as cardiac muscle cells, red blood cells, nerve cells, and muscle cells.
- The students will read through the "Birds on a Run" comic, which illustrates how these four cell types demonstrate key characteristics of life.
- The students will learn important vocabulary terms and complete a "Vocabulary Build-up" worksheet.
- This introduction will be important for the students to understand before moving on to "Counting Cells" Pt.2 of the lesson.

Activities and Procedures:

Powerpoint Presentation

- Introduction to different types of cells found in the body
- Pictures of these cell types
- Concentration on the following cells types; cardiac muscle, red blood cell, nerve cell, and muscle cell
- Questions for students:
    - Think of a given body cell. What role does it play in your body?
    - What goes on inside your body during running or other sports?
    - How do cells help you in sports?
- Students will complete the "Graphic Organizer" worksheet at the end of the presentation

"Birds on the Run" comic

- Two students will come in front of the room and read the comic out loud for the rest of the class
- We will discuss the following questions:
    - Who is in better shape: Owen or his dad?
    - What is the role of a (given cell)?
    - What characteristics of life does each type of cell demonstrate?
- The students will complete the "Vocabulary Build-up" worksheet