















POSSIBLE USES OF CYTOSIS FOR YOUR LEARNING ENVIRONMENT

-  Opening activity to begin the study of cells – *student groups or stations*
-  Introduction to a unit or topic (cells, organelles, cell function, cell structure) – *student groups or stations*
-  Use as a tool to get a sense of student prior knowledge of unit or topic about cells, organelles, cell function, cell structure – *student groups or stations*
-  Use for reinforcement during a unit or topic covering cells, organelles, cell function, cell structure – *student groups or stations*
-  Use for review for a summative assessment (cells, organelles, cell function, cell structure) – *student groups or stations*
-  Use for review for a formative assessment (cells, organelles, cell function, cell structure) – *student groups or stations*
-  Use as reward upon completing tasks, activities or assessments (cells, organelles, cell function, cell structure) – *student groups or stations*
-  Use to demonstrate basic information about cells, organelles, cell function, and/or cell structure.
-  Use to demonstrate a summary of a typical animal cell (human), Nucleus (function), Ribosomes (function), Smooth and Rough ER (function), Golgi Apparatus (function), Plasma membrane (function), and/or Mitochondria (function).

STUDENT GROUPS AND STATIONS

These can be used with all the above suggestions.

MATERIALS

-  Copies of games for class size (Most likely 4 to 5 copies). Each game plays up to 5.
-  Cytosis Player Mat – *Physical copy included in the game. A PDF version can be found on the Board Gaming with Education website.*
-  Science Behind the Game Resource – *Physical copy included in the game. A PDF version can be found on the Board Gaming with Education website linked from Board Game Geek submitted by John Coveyou.*
-  Let It Roll Sheet (Google docs/word, Microsoft Form, Google Form) – *Included with every game purchase from Board Gaming with Education.*
-  Vocabulary Matrix – *Included with game purchase.*

OVERVIEW

You can do this over a couple of class periods if necessary. We suggest breaking it into smaller parts of game play to help students learn the game. This could be used to show a summary of a cell, cell function, types of organelles and how they typically work. The next day(s) you can play the game with them. Students will be playing the game as intended or with modifications.

