

### Structure and Function

Standard(s): HS-LS1-2

Task: You will create a board game similar to “Candyland”, but instead of candies, it features the organelles of a cell (choose either plant or animal). Don’t forget to make game cards and figures to move around the board! You will allow your classmate to play on your game for one day when you are finished.

Materials: Cardboard (get permission to ask the kitchen for boxes), construction paper, markers, glue, ect.

**Restrictions:** Class art supplies are very limited, so be conservative. Always make a rough draft first!

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Task: You will create 8 different “cell cards,” kind of like baseball cards or X-men cards, that shows others the “stats” of that type of cell. Include the structure, function and locations in the human body. Explain how it interacts in the human body. Your cards should have photos or illustrations of the cells. All sources must be cited.

Materials: Internet access, large index cards, colored pencils, ect....

**Restrictions:** You cannot use the same cells as any of your classmates. You must obtain permission to use computers in this class or to go to another classroom.

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Task: You are going to create a paper doll book, but instead of clothes you doll will have layers of the 11 different systems of the body. You can choose what “theme” your book will have, such as your favorite cartoon or TV show, movie or book. You do NOT have to let anyone cut it out.

Materials: Paper, colored pencils, computer with a printer?

**Restrictions:** You cannot use the same “theme” as any of your classmates. You must obtain permission to use computers in this class or to go to another classroom.

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Standard(s): HS-LS1-2

Task: You are going to use copy (trace?) the works of the “great” artists of all time (DaVinci, Picasso, Van Gough, Gauguin, Monet, ect.), however you will alter them to show the 11 systems of the human body. You will create a portfolio of your work.

Materials: Watercolors, paper, pencils, ect.

**Restrictions:** Class art supplies are limited, however you could obtain permission from the art department if you choose. If you need more time to complete this task, you must show the teacher adequate progress of your artwork.