

Warm UP

1. Get your notebook

2. Sit silently

3. Do the second sheet **BACK**
and **FRONT** for the Warm up

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A vibrant, stylized illustration of a tropical jungle scene. In the upper right, a colorful parrot with green, yellow, and blue feathers is perched on a brown tree branch. The background is a dark, wavy silhouette of a forest. The foreground is filled with various green plants and leaves, including a prominent red flower with a yellow center in the bottom right corner. The overall style is flat and graphic.

Are You Dressed For Survival?

Will Your Uniform Save You?

- In this activity your school uniform will determine whether or not you survive.
- Although you are all wearing a uniform, you are not all wearing the same colors, length of pants, or same types of fabric.
- You will be presented with changing environmental factors. Will you be able to survive each factor with what you are wearing? Let's see!



Directions

In your journals complete the following:

1. Title: Are You Dressed For Survival?
2. Draw the table on the next slide.



Ecosystem	Adaptation	Did you survive? (Yes/ No)	What traits will be passed on to the next generation?

Aquatic

This environment requires you to be able to live and hunt in water. Organisms wearing shorts, a skirt, or if you can comfortably roll your pants above the knee you survived. *All others have died.



Desert

This environment is very dry most of the year. You need to be an organism that can survive with little water. If you are wearing pants of any kind you survived.

*All shorts and skirts your roots are too short to tap into ground water and you eventually die.

Artic

Very cold most of the year. You will not survive unless you have a way to keep yourself warm.

You will survive if you are wearing pants or a jacket. Your chances for survival increase if you are wearing both a jacket and pants.

Rainforest

. Organisms wearing dark color pants, skirts, or shorts can more easily camouflage themselves from predators.

*Organisms wearing beige or khaki pants, shorts or skirts are easily spotted by predators and are eaten.

Savannah

You must be able to migrate to new food and water sources.

If you are wearing tennis shoes, you are able to migrate to a new food source, and survive.

If you are wearing other shoes, you are not able to migrate and you die of starvation.



Analysis Questions

Answer the following questions under your data table.

1. Besides the color of your uniform, what other factors helped you to survive?
2. What adaptations (changes) were you able to make to your uniform in order to survive?
3. How do adaptations help an organism survive?