

Ms. Polonio

Third Grade Science (5 Es)

Standards: 3R1, 3R2, 3R3, 3R7, 3R9, 3W2, 3LS3.1, 3LS3.2, 3LS4.2

📄 Redesigned Copy of Lesson 3.2 - Traits and the Environment

Engagement: What is the difference between inherited traits and learned behaviors? Students will watch a video about inherited traits and learned behaviors.

📺 5th Grade - Science - Inherited Traits and Learned Behaviors - Topic Overview

Exploration: Students will list their own inherited traits and learned behaviors. They can post their answers using a Jamboard. On the Jamboard they are able to insert images or take pictures of themselves.

https://jamboard.google.com/d/1u00AnstPGB3rqZZx6hNx6shXr8p2NuG7GLw9_bOLh78/edit?usp=sharing

Explanation: Teacher will begin reading from the book, How The Sparrow Learned Its Song by Channon Jackson, Ari Krackowski and Ashley Chase. During the reading she will review the new vocabulary word **environment**. We will discuss how animals acquire their traits through the environment. They may build their muscles through exercise or get a scar from an accident. The teacher will share an experience of how she learned to read or to play the piano.

Elaboration: What traits come from the environment?

Then one student from each table will create a presentation for a different animal: the sparrow, the decorator crab, the grizzly bear or the vervet monkey. They will read the corresponding pages. They will create a presentation about how this animal gets traits from the environment. The students will have a choice on how to share their new knowledge. They can act it out, create a sequence map or code a Scratch project. Each student must make sure they include: the name of the animal, the trait they acquired,

how the environment helped the animal and examples of variations. They will be given a checklist.

[How The Sparrow Learned Its Song: Checklist](#)

Evaluation: Exit Slip

Students will then complete an exit slip to see how much they have learned about how different types of organisms have learned new traits. [How The Sparrow Learned Its Song: Exit Slip](#)