

Mrs. McDonald - 7th Grade Science

Week of April 20

Do what you can, when you can! I will post a 30-minute science activity for each school day. Your yearly grade can only go UP!
Complete the activities in the posted order. I am posting weekly grades now that HISD and Tanglewood has posted expectations.

Useful Information:

- My website - www.mrsmcscience.com - Password: uhcougars - Digital Classroom - Week 5
- Discovery Education and Khan Academy - HISD HUB - Digital resources
- BrainPOP - user: Hisdgradyms, password: Hisd
- TedEd - <https://ed.ted.com/on/quVphlmF>

SOI: The relationship between organisms and the environment, supported by patterns discovered through scientific innovation, provides evidence to support the Theory of Evolution.

TEKS Sci.7.11: Populations and species demonstrate variation and inherit many of their unique traits through gradual processes over many generations. (A) examine organisms or their structures such as insects or leaves and use dichotomous keys for identification; (B) explain variation within a population or species by comparing external features, behaviors, or physiology of organisms that enhance their survival such as migration, hibernation, or storage of food; and (C) identify some changes in genetic traits that have occurred over several generations through natural selection and selective breeding such as the Galapagos Medium Ground Finch (*Geospiza fortis*) or domestic animals and hybrid plants.

Activity 1

Masters of Disguise

Watch the video - Activity 1: Masters of Disguise - available on my website.
Take notes - my video includes brief instructions on notes

Activity 2

Camouflaged Chameleons

Create your own chameleon. Show your knowledge of camouflage by hiding a chameleon from someone in your home or on FaceTime. See the HUB for instructions and template.

Activity 3

Masters of Disguise - Notes continue and online game

Watch the video - Activity 1: Masters of Disguise - available on my website. Continue notes.
Additional game: http://coolsciencelab.com/who_wants_to_live_a_million_years.htm

Activity 4

Fossils and Radioactive Dating - Notes and TedED

Video to take notes and watch: <https://www.mrsmcscience.com/week-5---april-20-24.html>

Activity 5

Evolution of the Whale

Video to take notes and watch: <https://www.mrsmcscience.com/week-5---april-20-24.html>
Explore how this beautiful mammal ended up in the water.