

## Mrs. McDonald - 7th Grade Science

Week of: April 13

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

**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!**

**Useful Information:**

- Discovery Education - HISD HUB - Digital resources
- My website - [www.mrsmcscience.com](http://www.mrsmcscience.com) - Password: uhcougars - Digital Classroom - Week 4
- Evolution Video - <https://ihavenotv.com/evolution-things-you-need-to-know>
- TedEd - <https://ed.ted.com/on/DyBZ7zTE>

**TEKS: Sci.7.11:** Organisms and environments. 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.

### Monday

Time: 30 minutes

**How Do Animals Do That: Levitating Lizards and Immortal Jellyfish**

Go to Discovery Education on the HUB Digital - Watch the assigned video and answer:  
How do bees find nectar? Why do cats have whiskers? How can a Jellyfish live forever?

### Tuesday

Time: 30 minutes

**Mutation Nation**

Watch the video - Mutation Nation - available on my website.  
Take notes - my video includes brief instructions on notes

### Wednesday

Time: 30 minutes

**Evolution - James May's Things You Need to Know**

Watch the video - James May's Things You Need to Know - available on my website.  
Notes continued from yesterday. <https://ihavenotv.com/evolution-things-you-need-to-know>

### Thursday

Time: 30 minutes

**Bird Beak Lab**

Create a lab by using items we find in our homes. See instructions on the HUB.

### Friday

Time: 30 minutes

**TED Ed - 5 Fingers of Evolution**

Watch the video and write down what each finger and your thumb represent for Evolution.  
Ling to TedEd video: <https://ed.ted.com/on/DyBZ7zTE>