"Metamorphosis Song of the Monarch Butterfly"

"Metamorphosis Song of the Monarch Butterfly" - An Eden-Maker Video for Kids with Study Questions. From Willi Paul Studio / Planetshifter.com

Here is the **edu-video** for you and your family!

Metamorphosis is a biological process by which an animal physically develops after birth or hatching, involving an obvious and abrupt change in the animal's body structure through cell growth and differentiation. Wiki

Please see background details on the:
Eden-Maker Kid's DIY Video Creation System

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Life Cycle of the Monarch Butterfly -

Egg - Monarch females usually lay a single egg on a milkweed plant

Caterpillar - As the caterpillar grows, it sheds its skin

Chrysalis - Within the chrysalis, growth and body changes occur

Adult Emergence - The primary job of adults is to reproduce

Migration - Monarchs over-winter in Mexico or California

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Protecting the monarchs' realm: a conservation challenge -

The sight of millions of monarchs in the Mexican forests might lead one to think the species is thriving. But while the butterflies aren't yet endangered, the habitat that sustains their migration is.

Sprawl and pollution are destroying milkweed fields in the U.S. and Canada, which the butterflies subsist on. In Mexico, logging continues to decimate the unique forest ecosystem the monarchs rely on during the winter. And most recently, the oyamel fir groves have fallen plague to the infestation of bark beetles that is decimating huge swaths of forest across North America. While government officials have sought to curtail illegal logging within the 217-square-mile Monarch Butterfly Biosphere Reserve, they now find themselves racing to fell damaged trees to stop the spread of destruction.

The area is considered a conservation priority site by Mexico's Federal Commission on Biodiversity (CONABIO) and is one of the Global 200 ecoregions identified by the World Wildlife Fund as priority conservation sites. The World Conservation Union (IUCN) lists the overwintering spectacle as an "endangered biological phenomenon."

The fate of the monarchs is closely tied to the fate of the local people. Locals recognize the economic value of butterfly visitors, and as monarch tourism grows, taking the pressure off logging, so do the chances for their continued existence.

Preserving the magic of the monarchs is an enterprise that requires cooperation at all levels, from local communities to international endeavors. To learn more about monarchs and efforts to protect them, including a chance to be a part of the major monarch conservation program in the U.S., visit Monarch Watch. You can also track the monarchs' annual migration at Journey North, a monarch education site that provides daily updates on the butterflies' migratory progress.

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Study Questions -

+ How do electronic sounds relate to Nature sounds?

+ What is an indicator habitat vs. an indicator species?

+ Imagine what the metamorphosis sounds like to the butterfly?!

+ What parts of your life are like a metamorphosis?

+ Can metamorphosis be a spiritual and sacred change in you?

+ How would you go about assigning a sound sample to Nature or animal?

+ How do visual and auditory cues work together, or distract, or enhance the video experience?

+ How do we interpret sound symbols vs. graphic symbols?

+ What helps you study and learn new video material?

+ Are video captions helpful or redundant / distracting?

+ Should the sound samples make literal sense?

+ Are the key production elements text, picture and sound?

+ Do you want to hear a narrator (or voice-over)?

+ Noises vs Sounds - how are these elements similar / different?

+ How are sounds like analogies and metaphors?

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Additional Work from Willi Paul Studio / Planetshifter.com -

Demo for Animated Kids Cartoon Show - “Permaculture Willi - Hawk Drone @ Food Forest”

“Leopard Noise” - What happens when we use sound samples instead of human speak in Nature cartoons?

"el ángel del bosque de la comida llama" (“the food forest angel calls”) – A SoundCollage for Kids. Includes Construction Notes and Instructional Video

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Freesound.org Sound Credits -

Fridge hum
CaptainGusterd

Saber humming.wav
arnaljl

mysterion low ship humming.mp3
Karma-Ron

farmland » old barn empty wind 150328_0544.flac
klankbeeld

MTrk_Internal Hard Drive Defrag_Clicks Clanks_3_FSP4824.wav
ericstrausser

Perfect Base Loop
Callum_Sharp279

Sounds of Mystery » Internal Flight.wav
nomadicxxl

zenbell_1.mp3
kerri

Bell Meditation.mp3
fauxpress