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Crash Course BIOLOGY (2012 SERIES) 40 Episode Series Bundle

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ALL 40 Episodes with Answer
Keys and Direct Video Link

Crash Course Biology (2012) #21: Comparative Anatomy

Name: _____ Date: _____

You can access the video here → <https://youtu.be/7AD5jKS0hC0?si=0KNaJGVyRnsP1e>

- _____ is the study of similarities and differences between animal anatomies.
- Comparative anatomy helps reveal our shared _____ across species.
- A hallmark of animals is _____ locomotion rather than single-celled movement.
- Because animals are _____, they obtain energy by eating other organisms.
- The term _____ describes unrelated lineages evolving similar forms for the same tasks.
- Tuna, penguins, and seals share a sleek, _____ body shape optimized for swimming.
- In the gut lining, _____ tissue forms a tightly bound protective sheet.
- Fibers of _____ give many connective tissues strength.
- Connective tissue is defined by an _____ matrix extending beyond the cells.
- Sliding interactions between _____ and myosin power muscle contraction.
- The exceptionally large muscle-associated protein mentioned is titin.
- In nerve tissue, _____ transmit electrical signals.
- Cells that insulate and support those neurons are called _____ cells.
- The _____ system includes a mouth, esophagus, stomach, intestines, and an anus.
- Both humans and finches are members of kingdom _____.

Crash Course Biology (2012) #21: Comparative Anatomy KEY

- Comparative anatomy** is the study of similarities and differences between animal anatomies.
- Comparative anatomy helps reveal our shared **ancestry** across species.
- A hallmark of animals is **multicellular** locomotion rather than single-celled movement.
- Because animals are **heterotrophs**, they obtain energy by eating other organisms.
- The term **convergent evolution** describes unrelated lineages evolving similar forms for the same tasks.
- Tuna, penguins, and seals share a sleek, **fusiform** body shape optimized for swimming.
- In the gut lining, **epithelial** tissue forms a tightly bound protective sheet.
- Fibers of **collagen** give many connective tissues strength.
- Connective tissue is defined by an **extracellular** matrix extending beyond the cells.
- Sliding interactions between **actin** and myosin power muscle contraction.
- The exceptionally large muscle-associated protein mentioned is **titin**.
- In nerve tissue, **neurons** transmit electrical signals.
- Cells that insulate and support those neurons are called **glial** cells.
- The **digestive** system includes a mouth, esophagus, stomach, intestines, and an anus.
- Both humans and finches are members of kingdom **Animalia**.

CLICK HERE

15 Questions

Answer Key Included

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Worksheet Bundles

★★★★★ Extremely satisfied "I like the versatility of this. For my more independent students, they can do this for extra credit or sub work. For my classes who need more help, we watch as a class and pause and discuss along the way. Great to help with vocabulary due to videos, and writing."

★★★★★ Extremely satisfied "This is a great resource to challenge my students as well as provide an outline for them as they go. It acts as guided notes to check their understanding and help guide them through the videos."

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★★★★★ **Extremely satisfied** "This is a great resource to challenge my students as well as provide an outline for them as they go. It acts as guided notes to check their understanding and help guide them through the videos."

★★★★★ **Extremely satisfied** "This is perfect for my students who have missed class and need a quick review. I also love these for sub days."

★★★★★ **Extremely satisfied** "This bundle will be a great investment for extending learning and challenging my 7th grade classes!"

★★★★★ **Extremely satisfied** "User friendly. Students were engaged and liked the activity."

★★★★★ **Extremely satisfied** "This works great! They can listen on their own with a link in google or as a whole class for kids that need more help with focusing."

★★★★★ **Extremely satisfied** "This is a great lifesaver for easy sub plans and quick reviews."

★★★★★ **Extremely satisfied** "Thank you these are great at building background knowledge and helping my special needs students keep up with their regular."