

I cannot be physically-present today - I'm attending the [annual meeting](#) of the American Association of Geographers (AAG) in Boston, MA. But, this gives us some time to enjoy several videos that provide extra context and examples of some of the material we are covering in our class. For reference: here's our class schedule until Test #3.

Week 10	Class 24	3/27 (Mo)	Rocks and Minerals I	Ch. 13, 14
Week 10	Class 25	3/29 We	Rocks and Minerals II	Ch. 13, 14
Week 10	Class 26	3/31 (Fr)	Plate Tectonics, Volcanoes, Earthquakes	Ch. 13, 14
Week 11	Class 27	4/3 (Mo)	Weathering and Erosion I	Ch. 15
Week 11	Class 28	4/5 (We)	Weathering and Erosion II (Online class)	Ch. 15
Week 11	Class 29	4/7 (Fr)	Groundwater and Soils (Online class)	Ch. 9, 12
Week 12	Class 30	4/10 (Mo)	Fluvial Processes I	Ch. 16
Week 12	Class 31	4/12 We	Fluvial Processes II	Ch. 16
Week 12	Class 32	4/14 (Fr)	Test #3	

This class consists of six sections as detailed below that you should complete in the suggested sequence. And yes - all this material could be on our next test on Friday 14 April 2017.

Part 1. The History and Future of Everything - Time.

<https://youtu.be/2XkV6lpV2Y0>

This is a great animated video (7:10 minutes) about time - from seconds to billions of years.

Another good one: https://youtu.be/H2_6cga2cP4

Part 2. Powers of Ten - Space.

<https://youtu.be/0fKBhvDjuy0> (9:00 minutes)

This is a classic - exploring space from the scale of an atom to the edges of the universe.

Also have a look at <http://htwins.net/scale2/> or <https://youtu.be/uaGEjrADGPA> (3:23 minutes)

Part 3. Beyond Granite: The Geology of Adventure.

<https://youtu.be/UDgcjquofFw> (6:49 minutes).

The geology and landscape of outdoor recreation in the White Mountains of New Hampshire.

Part 4: How Does A Canyon Become Grand?

<http://www.itsokaytobesmart.com/post/123395382477/how-was-the-grand-canyon-formed>

Why is the Grand Canyon so 'grand' - what processes were/are shaping it yesterday, today, and tomorrow?

Part 5: Why is All Sand the Same?

<https://youtu.be/pxmHHoTPSKI> (2:27 minutes). Fun and useful!

Continue on the next page.

Part 6: Assignment. After watching all that - here are a few questions that I want you to think about and discuss on the next two pages:

1. Why are we so interested in understanding the processes that shape our world in a physical geography class? Include a specific example with your answer.
2. How does an understanding of processes help us in our understanding of our natural world? Include a specific example with your answer.
3. Illustrate your answers above with a sketch drawing or a useful figure you find on the Internet and include an explanation of your design or choice.

Hand-in this worksheet the next time we meet for class on Monday 10 April 2017.

Your Name: _____

Question 1. Why are we so interested in understanding the processes that shape our world in a physical geography class? Include a specific example with your answer.

Question 2. Why are we so interested in understanding the processes that shape our world in a physical geography class? Include a specific example with your answer.

Question 3. Illustrate your answers above with a sketch drawing or a useful figure you find on the Internet and include an explanation of your design or choice.