

Earth's Layers Videos Assignment

Start a new page in your class notebook, don't forget title, date, page number, and ToC. For each statement below, write the entire sentence, with missing words, in your class notebook.

Video 1: The Mystery of the Earth's Core Explained (DNews)

<https://www.youtube.com/watch?v=XXTEWQdu3aE>

1. The deepest humans have been is _____ km (_____ mi) at the Tau Tona gold mine in South Africa.
2. Geologists have mapped the inside of Earth using _____ .
3. The opposite rotation of the inner and outer core forms the _____ .

Video 2: Layers of the Earth (MIT K12)

<https://www.youtube.com/watch?v=NAHY6965o08>

4. The lithosphere is like the _____ of an _____ and is _____% of Earth's thickness.
5. The asthenosphere is solid, but behaves similar to _____ .
6. The inner core is hotter than the surface of the _____ .

Video 3: The Deepest Hole in the World, And What We've Learned From It (SciSchow)

<https://www.youtube.com/watch?v=zz6v6OfoQvs>

7. The deepest hole on Earth, the Kola Superdeep Borehole in Russia, is over _____ km deep.
8. Scientists didn't expect to, but found _____ and microscopic _____ deep in the borehole.
9. The borehole never made it to the _____ and is only _____% of the distance to Earth's center.

Video 4: Earth's Crust (Bill Nye the Science Guy, S1 E2)

<https://www.youtube.com/watch?v=7NJQks9-NM0>

Just sit back, relax, and watch! Say "Hi!" to Bill for me!

