

**Part 1 -Two Videos & a Reading**

Watch [Cursed by Coal: Mining the Navajo Nation \(13:41\)](#)

Read [Lighting the West, Dividing a Tribe](#) and watch the video near the top of the page. (4:50)

If a video link in any assignment doesn't work, 1) Look for the title on YouTube. 2) E-mail me.

While data-lite, these films examine the impact of geologic resource extraction in AZ. Much of what we talk about is far away. This is in our own state but doesn't often make the news.

1. List at least 5 total pros & cons of Black Mesa coal mining. You may have 4+1, 3+2, 2+3, or 1+5. Yes, you need at least 1 pro.

**PROS**

**CONS**

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**Part 2: ABC Investigation: Big Money, Black Lung and Doctors for the Coal Companies (4:06)**

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

2. What do you think? Why can this happen? Should it happen?

3. With all geologic extraction, there are tradeoffs. A) Is this tradeoff worth the cost? Haven't we benefitted from this extraction? B) Could we do better? If so, how exactly? C) What stops us from doing better? D) Who benefits from the status quo?

A

B

C

D

4. Aren't you the cause of this every time you use your electric AC, heater, dryer, water heater, oven, lights, appliances or EV? Explain.

Extra Credit - Read 1 of the articles below. Create a 2 minute video discussing what the video was about, what you learned and what you think about what is going on.

**Coal Industry's Go-To Law Firm Withheld Evidence of Black Lung at Expense of Sick Miners**

<http://www.publicintegrity.org/2013/10/29/13585/coal-industrys-go-law-firm-withheld-evidence-black-lung-expense-sick-miners>

**Last Breath**

<http://www.buzzfeed.com/chrishamby/how-a-coal-miners-autopsy-proved-a-top-doctor-wrong#.fw00N1NV38>

**Arizona's Four Corners Coal Plant**

<https://www.energyandpolicy.org/arizona-public-service-four-corners-power-plant/>

**Darned Regulations**

<https://www.npr.org/2018/12/18/675253856/an-epidemic-is-killing-thousands-of-coal-miners-regulators-could-have-stopped-it>

**Just for Fun (No Extra Credit)**

**History Channel - Coal Mining**

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

**Tennessee Coal Spill**

<http://www.nytimes.com/2008/12/30/us/30sludge.html>

**Toxins in the Ground: Inside America's Most Polluted Coal Ash Site and Industry's Struggle with Federal Rules**

<https://www.utilitydive.com/news/toxins-in-the-ground-inside-americas-most-polluted-coal-ash-site-and-indu/551339/>

**Twenty Points Extra Credit?**

<https://www.pbs.org/wgbh/frontline/article/bob-murray-helped-shape-trumps-energy-policies-now-his-coal-company-is-facing-bankruptcy>