**APES: Viewing Guide for “The Last Mountain”**

**1st 20 minutes**

1. What is mountain top removal mining?
2. Why is mountain top removal mining beneficial?
3. List four negative impacts of mountain top removal mining on people or the environment.
4. How does mining impact flooding on mountain valleys?
5. What type of water pollution is impacted?
6. What types of health impacts have developed in these communities due to well water contamination?

**2nd 20 minutes**

1. What does the clean water act declare?
2. How is the Bush election in 2001 an example of how legislation impacts environmental actions?
3. How was the clean water act modified to help coal companies legalize mountaintop removal?
4. How is the school near the coal silo an example of indoor air pollution? Include evidence, type, and source/access point.
5. What is a sludge impoundment? What risks do they carry?
6. What evidence demonstrates that environmental activism is not slowing the productivity of coal mining?

**3rd 20 minutes**

1. What is Civil Disobedience?
2. How does coal tie in to global warming (global climate change)?
3. What is DEP? What is the issue with its current operations?
4. What did the EPA do in 2007? How did this impact Massey?
5. What kinds of subsidies are provided to the coal industry? Are these subsidies that you believe the coal companies need or deserve?
6. How is the coal company exploiting the Clean Air Act by operating old plants instead of new plants?
7. What does the Clean Air Act declare?

**4th 20 minutes – End**

1. What did George Bush do to weaken the Clean Air Act?
2. What evidence is provided that indicates that toxins are being released by burning coal?
3. How many states have been warned not to eat fish due to Mercury contamination? What vocabulary word(s) can be used to describe what is happening to the tissues or the fish or those eating them?
4. What is the proposed alternative to coal mining on Coal River Mountain?
5. What are the benefits to the wind farm for the community and environment?
6. What are the negative points to building a wind farm for the community?
7. What has Portsmouth Abbey School done to provide alternative energy? How has this benefitted the school and town?
8. Why is it difficult to generate a consistent grid of renewable energy? What legislation needs to be passed?
9. In 2009 advancements were made in environmental protection against mining. What modifications were made or actions taken? What limitations still existed?