

## BIG IDEAS ABOUT FOREST HISTORY IN PENNSYLVANIA - KEY

1. About what percent of land in PA is forest land? ~ 60%
2. How is this different from when the first Europeans arrived? *Almost all of PA was forested*
3. Why was early harvesting of wood for things like charcoal and ship masts devastating to the environment?
4. *At that time, entire forests were cut and there were not sustainable practices in place.*
5. How were waterways important to the lumber industry? *Larger streams and rivers and splash dams were used to transport logs*
6. How did logging railroads change the lumber industry? *The lumber industry was able to move farther from major waterways and into places like the Allegheny Plateau*
7. How did a street in Williamsport get the term Millionaire's Row? *Because so many wealthy lumber mill owners built mansions there*
8. What was the name of the industry that used hemlock bark? *Leather tanning*
9. At the beginning of the 20<sup>th</sup> century, name some ways that prior lack of sustainable forest management practices lead to ecological disaster: *There were many fires, there was erosion which also seriously impacted waterways, there was loss of wildlife habitat, and there was a bleak landscape overall*
10. What were some ways the state and its residents responded to the disastrous conditions of PA forests? *By promoting more sustainable forest management practices, but setting up state forests, by using the C.C.C. to help fight fires and plant trees and build state park facilities.*
11. Name some products made from PA forests: *furniture, paper, paper products, etc.*
12. What are some ways that Dr. Goddard thought about forests that were different from most prior thinking? *He saw forests as an important recreational resource on top of their other uses.*
13. Why do so many people visit PA's forests? *For hunting, fishing, camping, hiking, to experience wildlife and nature, etc.*
14. Why do you think it's important that we have sustainable forestry management practices in PA? *Opinion, Generally they hope to ensure that forests continue to provide economic and ecological benefits for everyone.*