

Rise to the Challenge! *An Information Scavenger Hunt*

Directions: Track down the answers to these questions! Use the informational essay found in the materials provided and look around at the Inclined Plane during the visit. Pay close attention while visiting – the answers are all around! Don't lose this answer sheet. You will need it for other activities!

1. What day did construction of the Inclined Plane start?	2. What day did the Inclined Plane open for operation?	3. How many people could ride in the original cars?	4. The Inclined Plane rises at what angle from the ground?	5. What were the length and width of the original Inclined Plane cars?
6. What are the length and width of the cars currently in use?	7. How many people can ride on a car today?	8. In 1891, what was the cost of a monthly book of 122 trips?	9. In 1926, what was the cost of a book of 155 trips?	10. In 1937, what was the total cost of repairs to the Inclined Plane?
11. How much money did Westmont Borough pay towards the 1937 repairs?	12. What day did the Inclined Plane close in 1962?	13. When did the Inclined Plane reopen in 1962?	14. During 1984 renovations, how many railroad ties were replaced?	15. What is the radius of the 3-ton gear wheel?
16. What was the ridership on Labor Day weekend in 1970?	17. How many feet of rails are used in the Inclined Plane?	18. What is the total weight of the rails used?	19. What was the annual ridership for 1926?	20. How far above sea level is the top of the Inclined Plane?

21. What is the vertical rise of the Inclined Plane?	22. How far does the Inclined Plane travel up the slope of the hillside?	23. What year were the original cars replaced?	24. When the Inclined Plane first opened, how often did the cars make a run?	25. When the Inclined Plane first opened, how many hours a day was it open?
26. What was the annual ridership for 1933?	27. In 1926, what were the hours the Inclined Plane operated?	28. What year were the sodium lights installed on the cars and tracks?	29. In 1926, how often did the cars make a trip?	30. How many sodium lights are on each track?
31. How many sodium lights are on each car?	32. What are the current hours of operation in the summer?	33. What are the current hours of operation in the winter?	34. How often does the Inclined Plane make a trip today?	35. How many bolts were used in the construction of the Inclined Plane?
36. How much do the cables weigh?	37. What is the height of the cars today?	38. How long does it take for a car to make the trip from top to bottom?	39. What is the cost to be a "Friend of the Incline?"	40. What discount do Friends of the Incline receive?

Complete the following table with the current prices for riding the Inclined Plane.

	One-Way Trip	Round Trip
Adult		
Child (ages 2-12)		
Child (under age 2)		
Automobile		
Motorcycle		
Bicycle		
Commuter pass (10 trips)		
Commuter pass (22 trips)		