

First Floor

Where to go: Go down to the first floor and look for the Palmetto Gate in the lobby

38. Who is known as “the dean of Charleston blacksmiths” and created the Palmetto Gate?

39. Where would warpers, like the one by the front door, commonly be found?

40. When was the tub wheel near the entrance to the Planetarium made? What was it used for?

Questions? Feel free to email us at educators@scmuseum.org



Exploration Guide

Middle School/High School

Name: _____

Teacher: _____

Class/Grade: _____

Fourth Floor

Where to go: Start at Fort Moultrie by the stairs

1. What was the date of the attack on Fort Moultrie?

2. Who was William Jasper and what impact did he have during the Revolutionary War?

3. Name the three symbols of the SC flag and what they represent:

Where to go: Walk behind the fort to the Native American exhibit

4. Give a brief description of Native Americans during the Paleo, Archaic, Woodland, and Mississippian Periods.

Paleo:

Archaic:

Woodland:

Mississippian:

Where to go: Go to the Colonial Government Exhibit

5. The _____ gave the Lord's Proprietors the right to govern and develop Carolina.

Where to go: Walk to the Antebellum South Exhibit

6. What percent of the population was enslaved before the invention of the cotton gin? What about 30 years after?

7. Lowcounty planters preferred to purchase kidnapped Africans from the Congo-Angola culture because:

8. Which languages were mixed to form Gullah?

Where to go: After looking at the mastodon and giant beaver, turn to your right for the Plant and Life Cycle exhibits.

32. What is the chemical formula for glucose?

33. How is a primary consumer different from a secondary consumer?

Where to go: Next check out our Habitats and Dinosaur exhibits by walking to your right.

34. Which is not a life zone of the South Carolina coast?

- a. Tidal zone
- b. Beach
- c. Dunes
- d. Salt marsh

35. In which habitat can you find Columbia?

36. What was the diet of all "duck-billed" dinosaurs?

37. List the names of three dinosaur fossils in the dinosaur exhibit

Third Floor

Where to go: Head down the stairs to the train on the 3rd Floor

15. What impact did steam locomotives like "The Best Friend of Charleston" have on South Carolina and the rest of the country?

Where to go: Go behind the stairs and glass elevator to the Textile exhibit

16. What was the job title for mill workers who were 12 years old and younger? How much did they get paid?

Where to go: The Oldsmobile and Model T can be found to the right of the Textile exhibit.

17. What was America's first low cost car and how much did it cost?

18. Why was the assembly line such a huge advancement for the Ford Company?

Where to go: The answers to the following questions can be found in the Minerals, Aviation, Automotive, and Communications exhibits.

19. Why was the Doolittle Raid a turning point in WWII?

Where to go: Turn left after the Aviation Exhibit to enter the Communications Exhibit

20. What was the job of a switchboard operator?

21. Why was the invention of radio significant?

Where to go: Go to the Apollo exhibit

22. What is the name of the famous SC astronaut that walked on the moon in the Apollo 16 mission?

Where to go: Go to the Laser exhibit

23. Explain what causes a laser to remain sharp and narrow.

24. What is a laser used for in the NOVA?

25. What is the main difference between a maser and a laser?

26. Who won the Nobel Prize for Physiology and Medicine in 1985 for discovering how cholesterol enters a cell?

Second Floor

Where to go: Go down the stairs to Finn the Megalodon

27. What is the common name for Carcharodes Megalodon?

28. Looking at the map of South Carolina, name three river basins in the state and where they are located.

1. _____
2. _____
3. _____

Where to go: Enter into the Dynamic Earth exhibit to the left of the map of South Carolina's rivers.

29. What are three types of rocks and how are they formed?

1. _____
2. _____
3. _____

Where to go: Enter the Life in the Past exhibit on the left.

30. What was the period of time called when ocean levels were so high that most of our continent was covered by water?

31. What is the name of the Ice Age's largest ground sloth?

9. Describe what a slave cabin would have looked like on the inside.

Where to go: Go to the Hunley replica

10. Why was the *H.L. Hunley* moved from Mobile, Alabama to Charleston, SC?

Where to go: The Mortuary exhibit, J.W. Jenney's Country Store and the Berry Schoolhouse are where the next answers can be found.

11. What is the wreath that was used at a funeral made of?

12. Name three functions of a country store.

1. _____
2. _____
3. _____

13. How were schoolhouses like the Berry schoolhouse financed?

Where to go: Go to the Mill Life exhibit

14. Why was the sense of community so strong in mill villages?

