

Name: _____

Guided Questions – Video #2: Astronaut and Jet Racer

Use Video #2: Astronaut and Jet Racer, to answer the following questions. The Questions go in order of the video, so pause and rewind to find your answers!

To find the video look on the Blazing Trails playlist on the Larsen Motorsports YouTube channel.

<https://www.youtube.com/playlist?list=PLpKmwddJTeNW-1Y3alrIIPJh5NtFuhRPO>

1. How many years was Winston Scott in the NASA program?
 - a. 27 years
 - b. 7 years
 - c. 13 years
 - d. 3 years
2. How many space shuttle missions did Winston Scott do?
 - a. 4
 - b. 7
 - c. 1
 - d. 2
3. What does EVA stand for?
4. How many space walks did Winston Scott do?
 - a. 3
 - b. 1
 - c. 2
 - d. 6
5. How many years did Winston Scott serve in the military?
 - a. 14
 - b. 30
 - c. 27
 - d. 10
6. When was the last time that an American Astronaut launched into space from American soil?
 - a. 1970
 - b. 2000
 - c. 2019
 - d. 2011
7. Where do the astronauts launch from?
8. True/False: There is no good comparison for what weightlessness feels like.

Name: _____

9. What is the underwater training used for?
 - a. Flight simulation
 - b. Space Walks
 - c. Learning how to sleep in space
 - d. Olympic training
10. How heavy was the satellite that Winston Scott had to manually capture while in space?
11. What does Winston Scott compare the shuttle to?
 - a. A mountain lion
 - b. A beast breathing
 - c. A whale
 - d. A jet
12. How many hours do the astronauts have to sit and wait for lift-off? _____ hours
13. How many seconds does it take to reach Mach one?
 - a. 10
 - b. 120
 - c. 45
 - d. 60
14. What is Mach one?
15. The launch is _____.
 - a. Manually operated
 - or
 - b. Automated
16. When is a jet pack typically used?
 - a. A daily basis in space
 - b. During a procedural space walk
 - c. During reentry
 - d. In emergencies only
17. Who does the flying in the shuttle?
18. The Atlantis is on display at what location in Florida?
19. The colored dots used on food and clothing relates to what?

Name: _____

- a. The portion and clothing size
 - b. The date it should be used
 - c. The astronaut that the items belong to
 - d. None of the above
20. What food did Winston Scott claim as his favorite food to have in space?
21. Which president did Winston Scott get to meet?
22. The orange space suit is called a:
23. Winston Scott has two degrees, what are they?
24. What are currently being used at the International Space Station, as mentioned by Winston Scott?
- a. 3-D printers
 - b. Stoves
 - c. Biofuels
 - d. None of the above
25. How many years has Winston Scott been working with Florida Tech?
- a. 20 years
 - b. 7 years
 - c. 11 years
 - d. 11 months