

NAME KEY

Video – Extreme Machines (Rockets)

1. The rocket has given us access to SPACE.
2. The purpose of a rocket is to carry a PAYLOAD.
3. A rocket operates when GAS flows from an opening.
4. In order for a rocket to launch, it must overcome a force called GRAVITY.
5. Rockets need BRUTE FORCE to lift its mass straight up.
6. A rocket accelerates at 7 miles per second.
7. What is the purpose of Pegasus rockets? SATELITES

8. What does SRB stand for? SOLID ROCKET BOOSTER
9. The largest SRB's that were ever built are used in the SPACE SHUTTLE.
10. The SRB's on the Space Shuttle produce more horsepower than 44 jumbo jets at full throttle.
11. The malfunction of the SPACE SHUTTLE Challenger was? LEAKING O-RINGS

12. In what year did man orbit the earth? 1961
13. Earth is 240,000 miles from the moon?
14. Saturn 5 is 363 feet tall and 2800 tons with fuel.
15. Saturn 5 has 3 stages.

16. What is the lightest metal? LITHIUM
17. Who is known as the father of modern rocketry? DR. ROBERT GODDARD
Why? BUILT AND DESIGNED FIRST LIQUID-FUEL ROCKET.
18. Who was Wernher Von Braun?
GERMAN ROCKET ENGINEER
19. Who was the first man on the moon? NEIL ARMSTRONG
20. Who was the first man to go into space? YURI GAGARIN
21. Who was the first American to orbit the earth? JOHN GLENN