

Amazing Aerospace Adventures

Aerospace Engineering · Answer Key · 20 Questions

1. What part of an airplane helps it fly by pushing air downwards?

- A) Wheels
- B) Wings**
- C) Tail
- D) Door

2. What is the big, fiery part at the back of a rocket that makes it go up?

- A) A window
- B) A flag
- C) An engine**
- D) A seat

3. What do astronauts wear when they go outside their spaceship in space?

- A) A superhero costume
- B) A swimming suit
- C) A spacesuit**
- D) A rain jacket

4. What is the name for a big machine that flies in the sky carrying people?

- A) A train
- B) A boat
- C) An airplane**
- D) A bicycle

5. What round planet do we live on that rockets travel to?

- A) The Moon
- B) Mars
- C) Earth**
- D) Jupiter

6. What are the long, flat parts on an airplane that help it steer?

- A) Engines
- B) Propellers
- C) Flaps and Ailerons**
- D) Landing gear

7. What is the first step a rocket takes to get off the ground?

- A) It floats slowly
- B) It ignites its engines**
- C) It rolls away
- D) It spins around

8. What do pilots use to control an airplane's direction in the sky?

- A) A steering wheel
- B) A joystick and pedals**
- C) Brakes
- D) A remote control

9. What is the big, bright star that is at the center of our solar system and is far away from Earth?

- A) The Moon
- B) The Sun**
- C) A cloud
- D) A rocket

10. What do you call the part of an airplane that makes the air move to help it go forward?

- A) A window
- B) An engine**
- C) A wing
- D) A tail fin

11. What do rockets need lots of to travel into space?

- A) Water
- B) Fuel**
- C) Sand
- D) Feathers

12. What is the large, round object in the sky that orbits the Earth and astronauts have visited?

- A) The Sun
- B) A star
- C) The Moon**
- D) A cloud

13. What is the part of an airplane that helps it land safely on the ground?

- A) The wings
- B) The engine

C) The landing gear (wheels)

- D) The cockpit

14. What is the force that pulls everything down towards the Earth, which rockets have to fight against?

- A) Push
- B) Lift

C) Gravity

- D) Speed

15. What is the name for the part of an airplane where the pilots sit and fly the plane?

- A) The cabin
- B) The cargo hold

C) The cockpit

- D) The engine room

16. What is a special vehicle designed to travel into space?

- A) A car
- B) A boat

C) A rocket

- D) A bicycle

17. What happens to things in space because there is no air to push them down?

- A) They fall quickly

B) They float

- C) They get heavier
- D) They disappear

18. What are the spinning parts on some airplanes that help push the air and make the plane move?

- A) Wheels

B) Propellers

- C) Wings
- D) Seats

19. What do rockets often leave behind as they travel into space that looks like smoke?

- A) Water
- B) Steam
- C) Exhaust**
- D) Candy wrappers

20. What is the thin layer of air that surrounds our Earth called, which airplanes fly in?

- A) The ocean
- B) The atmosphere**
- C) The desert
- D) The clouds