



THE BIG SPACE RESEARCH PROJECT

Planets

1. What is the definition of a planet?
2. How many planets are there in our solar system?
3. What are the names of the planets in our solar system?
4. Which planet is closest to the sun?
5. What is the difference between the inner and outer planets?
6. Which planet is named after the after the Roman Goddess of beauty?
7. Which is the largest planet in our solar system?
8. Which of the following planets is known for its rings?
Venus Saturn Mercury
9. In which year was Neptune discovered?
10. Which is the hottest planet in our solar system?



Stars

1. What is the definition of a star?
2. Which star is closest to earth?
3. How are stars made?
4. What are the different types of star?
5. What is the lifespan of a star?

Moons

1. What is the definition of a moon?
2. How often does the moon orbit earth?
3. Who was the first person to set foot on the moon and in 1969?
4. How many moons are there in our solar system?



5. How many moons do each of the following planets have?

Name of Planet	Number of Moons
Mercury	
Venus	
Earth	
Mars	
Jupiter	
Saturn	
Uranus	
Neptune	
Pluto	

Spacecraft

1. What is the definition of a spacecraft?
2. Can you name 5 types of spacecraft?
3. What is the most common type of spacecraft?
4. How are most spacecraft powered on launch?
5. What is the biggest difficulty in building a spacecraft?

Materials are hard to get hold of

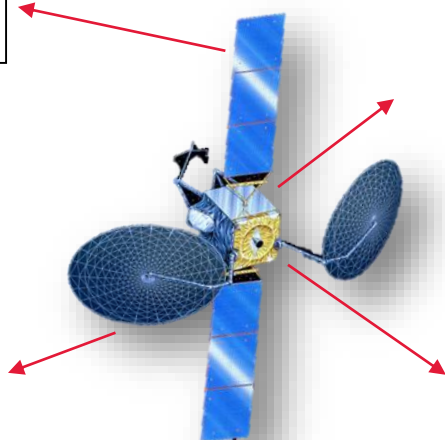
They are very expensive to build

Not enough people know how



Satellites

1. What is the definition of a satellite?
2. What are the two kinds of satellite?
3. What are satellites commonly used for?
4. How many satellites are currently orbiting earth?
5. Can you label the missing sections on the satellite diagram?



Inside the Satellite:

- Chassis
- Fuel tanks
- Batteries
- On-board Computer
- Ground Control Communication
- Mission Payload:
- Science Instruments
- Communications System