

Blast Off to Space Camp - 30

Chapter One

What does NASA stand for?

What is the difference between using NASA training machines and going on rides at an amusement park?

On what day do the trainees launch their own model rockets?

What is the final project a trainee needs to complete before they graduate?

Who can go to Space Camp?

Why would you want to attend a Space Camp? (Give at least three reasons)

Chapter Two

What does the Space Habitat look like?

What are the sleeping areas named after?

What are shuttle bucks?

How many members are in a launch team?

What do trainees do with a Mission Journal?

What are the four main parts of the space shuttle?

What are the three different jobs a trainee can do on a mission?

Chapter Three – Rockets Then and Now

When do trainees take a tour of the Rocket Park?

What is the first thing trainees see when they take a tour of the Rocket Park?

How does seeing the shuttle first hand help the trainees?

What are the two types of rocket engines?

What happens to the two rocket boosters that lift the shuttle off the ground, when their fuel is gone?

What is the advantage of having an engine which burns liquid fuel?

Why do trainees have to begin working on their rockets right away?

What type of rocket engine is used to power the trainees' rockets?

How is the parachute deployed?

Chapter Four – Fasten Your Seat Belts

What was the Command Module used for?

What do trainees use to feel what it's like to walk on the moon?

How much gravity does the moon have compared to Earth?

What does the Five Degrees of Freedom Chair teach?

What does MMU stand for?

Why has no one use a MMU in space since 1994?

Why do you think NASA decided that a space walk with no connection to the shuttle was too dangerous?

Why do trainees sometimes train underwater?

What is the purpose of the Multi-Axis Trainer?

Chapter Five : Fast-Forward to the Future

What will the Space Station have in it?

Where are the Living areas found in the Space Station?

Why doesn't it matter where a sleeping bag is?

Why do astronauts need special packages for their food?

After 2004, what could the Space Station be used for?

What is a Space Camp Surveyor?

What do you think is the hardest thing about building the Space Station?

Chapter Six – The Rocket Launch

Who was the first person to step on the moon? What did he say when he stepped on the moon?

What is so exciting about day four?

Why does an instructor load each rocket with its rocket engine?

When can the trainees check to see if their capsule survived its journey?

What was the Columbia space shuttle named after?

What is the significance of the trainees watching the film Hail Columbia?

How do instructors prepare trainees for disappointments such as their rocket not working properly?

Chapter Seven – Mission Day

What is the only thing the trainees don't know about their mission?

What do the mission specialists do once the Columbia is in orbit?

What is one job which the trainees use the SDF Chair for?

How do trainees know what to do if an emergency happens for which they have not trained for?

How do the trainees know they have completed their mission successfully?

What are the trainees advised to study in school if they want to be astronauts?

What was the job of the first Australian astronaut to fly with NASA?