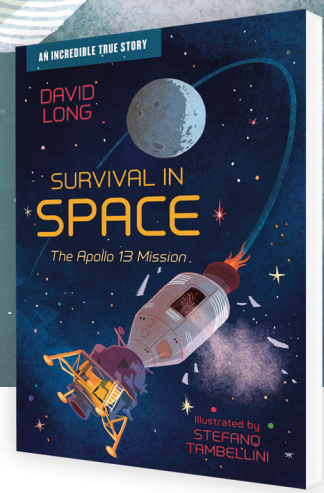


CREATIVE WRITING IDEAS FOR BUDDING ASTRONAUTS!



Pick one or more of the writing ideas from the list below, turn over this page and start writing.
(You can use extra paper if you need more space!)

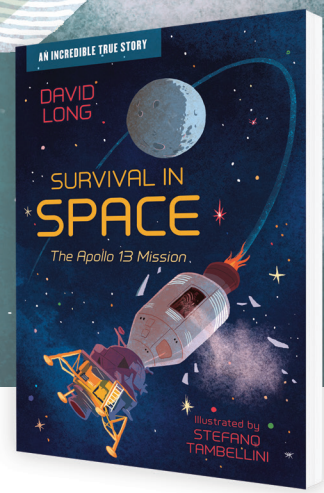
1. Imagine you are an astronaut landing on the moon. Describe the experience. What would you see? How would it make you feel?

2. Imagine you are one of the astronauts on Apollo 13. Describe the moment the explosion happens. What would experiencing and coping with that disaster feel like?

3. Imagine you are someone watching the Apollo 11 launch in 1969. Describe seeing the rocket take-off. Are you watching on your television at home or have you made the journey to be a part of the crowd near the launch site?



CREATIVE WRITING IDEAS FOR BUDDING ASTRONAUTS!



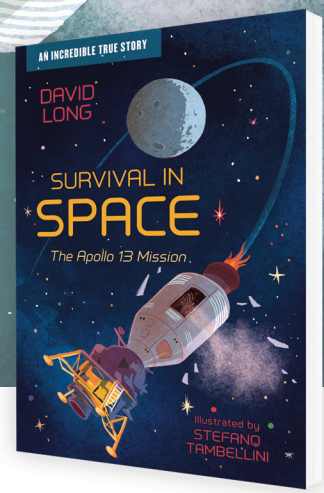
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Start writing here ...

A large, empty rectangular box with a red border, intended for writing creative ideas.



BUILD YOUR OWN STRAW POWERED ROCKET!

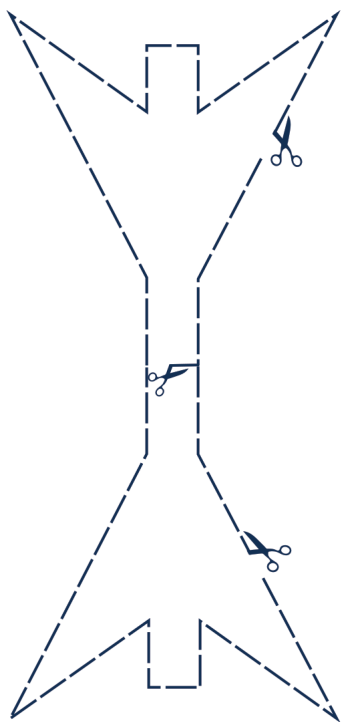


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WHAT YOU'LL NEED:

- A straw
- A pencil
- Scissors
- Sellotape
- Pencils to colour in your rocket
- A helping hand from a grown-up

THE ROCKET TEMPLATE:



SURVIVAL IN
SPACE
The Apollo 13 Mission

FOLLOW THE INSTRUCTIONS ON PAGE 2 TO BUILD
YOUR ROCKET! MAKE SURE TO PRINT THIS OUT AS
TWO SEPARATE PAGES

BUILD YOUR OWN STRAW POWERED ROCKET!



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STEP 1

Colour in each part of the rocket template before carefully cutting out the large rectangle and the fins. You can ask a grown-up to do the cutting if you need some extra help!

STEP 2

Wrap the large rectangle around a pencil length-wise and tape it closed to form the body of the rocket. Don't tape it to the pencil as in a few steps you will need to slide the pencil out and swap it for your straw!

STEP 3

Take your first fin and line up the rectangle in the middle of the fin with the bottom of the rocket body and tape it to the rocket body.

STEP 4

Tape the other fin to the rocket body in the same way as step 3, but on the opposite side of the rocket body.

STEP 5

Bend each fin triangle slightly so that when you look from the bottom of the rocket the fins look like a cross

STEP 6

Twist and pinch the top of the rocket body around the tip of the pencil to create a nose cone for your rocket. Tape the nose cone to make sure it is secure.

STEP 7

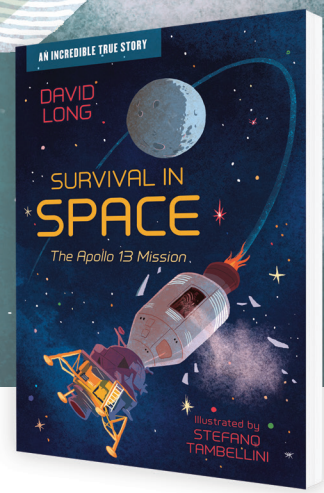
Remove the pencil and replace it with your straw. Prepare your rocket for launch!

STEP 8

Make sure your launch area is clear of people and other hazards. Then, blow into the straw to launch your rocket! Mark where your rocket lands and have a space race with your family, whose rocket can fly the farthest?



MISSION ASSIGNED: SURVIVAL IN SPACE QUIZ!



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1. What animal was the first to orbit Earth?
a) a dog called Laika b) a cat called Samson c) a lizard called Leonard
2. Who was the first human to orbit the Earth?
a) Yuri Andropov b) Yuri Gagarin c) Uri Geller
3. The giant rockets which carried the Apollo missions towards the Moon were named after which planet?
a) Mars b) Pluto c) Saturn
4. Where were the Apollo mission rockets launched from?
a) Cape Cod b) Cape Canaveral c) Cape of Good Hope
5. What was the name of the Apollo 11 lunar module which landed on the Moon in 1969?
a) Eagle b) Seagull c) Big Bird
6. How long did Neil Armstrong and Buzz Aldrin of Apollo 11 spend on the surface of the moon?
a) almost 22 minutes b) almost 22 hours c) almost 22 days
7. How many astronauts have walked on the moon altogether?
a) two b) six c) twelve
8. The Apollo 13 crew didn't reach the Moon but they did set a record for travelling the furthest from Earth that has still not been beaten. How far were the crew from the Earth?
a) 19,678 miles b) 154,890 miles c) 248,655 miles
9. Time moves differently on other planets in our solar system. How long does a day on Venus last?
a) 35 Earth days b) 243 Earth days c) 521 Earth days
10. The Lunar Rovers or 'moon buggies' driven around during three Apollo missions were powered by what?
a) solar energy b) electricity c) superheated steam
11. Apollo meals were all freeze-dried. What did the astronauts have to add before eating them?
a) gravy b) custard c) warm water
12. Without gravity everything in the spaceship had to be strapped down to stop it floating away. How did the astronauts sleep?
a) upside down b) standing up c) on the ceiling

