



Rocket Power Card



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Fold a piece of paper like an airplane and try to fly it across the room.



Move forward two spaces.

Gravity is a force that pulls things—like people—to the ground. Use your body to show your team how gravity works.



Move forward one space.

You lose contact with your Earth support crew. “Mr. and Mrs. Propulsion—do you copy?”



Move back one space.

It takes “The Right Stuff” to fix the broken Super Saucer. What three things do you need to have “The Right Stuff”?



Move forward two spaces.

Jet programs donuts into the Super Saucer instead of a landing plan.



Move back two spaces.

Sunspot surprises his friends with supplies for a sleepover on the Moon.



Move forward two spaces.

The Propulsions offer dinner—sardine and pudding sandwiches. Yuck!



Move back one space.

Jet’s saucer lands where a lot of cool Earth stuff was left behind by the Apollo 11 astronauts—like an American flag. What would you leave behind on the Moon, and why?



Move forward one space.





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Jet and Sunspot go missing!



Move back one space.

**Sydney's warning comes true:
"It's easy getting up there;
the hard part's getting back."**



Move back two spaces.

**Sydney and Jet 2 figure out
how to use one of Jet 2's parts
to fix the Super Saucer.**



Move forward three spaces.

**Two Apollo 11 astronauts walked
on the Moon. With little gravity,
their steps were like leaps.
Pretend you are walking on the Moon.**



Move forward three spaces.

**Lying down on the ground,
place a tissue over your mouth and
blow with as much force as possible.
See how high you can make your
tissue rocket fly!**



Move forward three spaces.

**Mrs. Propulsion sings "Tiny Blue Dot"
as Jet and his friends fall asleep
at a sleepover on the Moon.
Sweet dreams!**



Move forward one space.

Create your own Rocket Power card

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Move forward two spaces.



Move back one space.







Make a tower taller than your knees using four pieces of paper and tape.

Build a Moonie golf hole that has a ramp or incline.

Use the following supplies: cup, book, pencil and aluminum foil.

Can you get a “golf ball” into the cup or hole?

Using only four of the Team Power Supplies, create a rocket sculpture.

Build a Moonie golf hole that has a tunnel.

Use the following supplies: magazine, paper towel or toilet paper roll, cup and craft sticks.

Can you get a “golf ball” into the cup or hole?

Build a Moonie golf hole that has at least two obstacles to get around.

Use the following supplies: cup, aluminum foil and craft sticks.

Can you get a “golf ball” into the cup or hole?

Build a foot-long bridge that spans from one chair to another, using only three pieces of paper and tape. It needs to support a magazine.

Draw a new Brain Power card from the pile.

Create and act out a skit based on the card information.

Draw a new Brain Power card from the pile.

As a team, pretend you are reporters and an astronaut being interviewed about what is described on the card.

Use as many details as possible.







**Make a model of the Lunar Lander—
or any cool spaceship—
using aluminum foil, craft sticks
and tape.**

**Draw a new Brain Power card
from the pile.**

**As a team, rewrite the words of a
familiar tune or nursery rhyme
that teaches about the artifact.
For example, you can change
“Mary had a Little Lamb” to
“Armstrong had to take a step.”**

**As a team, think of a question
about the Apollo Moon Landing
that you would like answered.
Use a smartphone or other device
to research your answer.
Create a new Brain Power card
for the next time you play.**

**Build a Moonie golf hole that has
two levels and two holes. Use the
following supplies: book, magazine,
aluminum foil, cup, craft sticks,
paper and toilet paper rolls.**

**Can you get a “golf ball”
into the holes?**

Create your own Team Power card

Jet's Scoring Tips

**Team Power challenges: Don't forget
to score your team each time!**

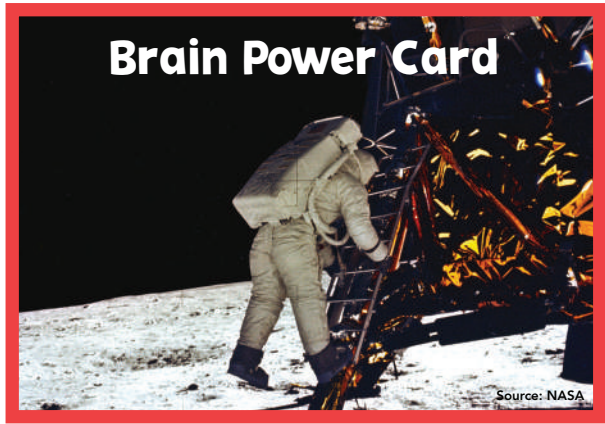
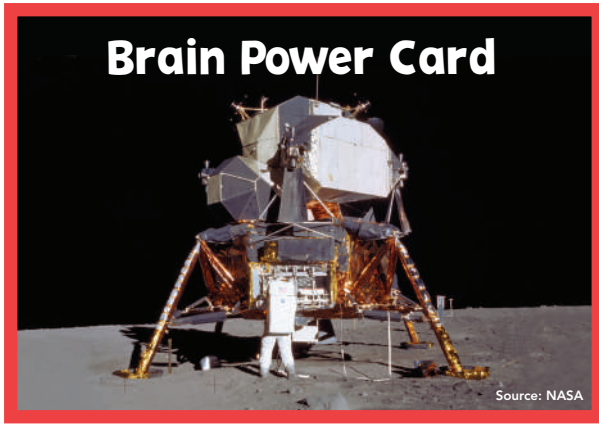
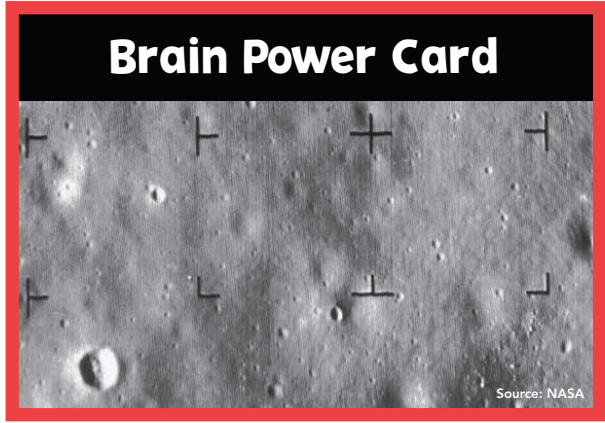
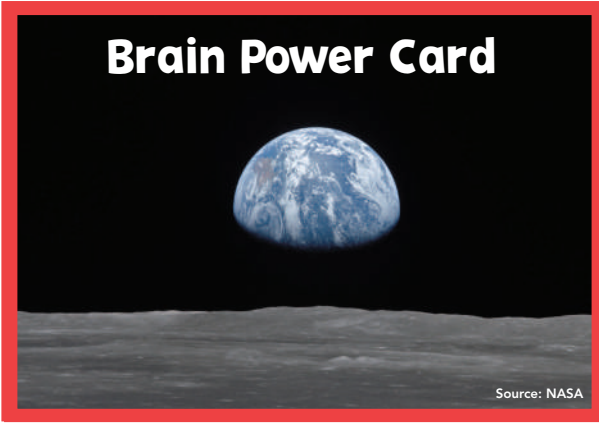
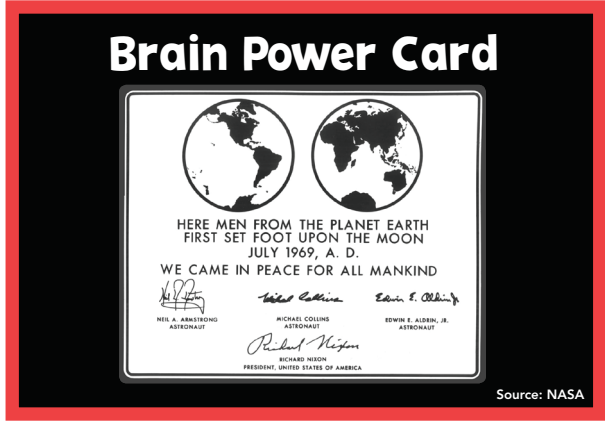
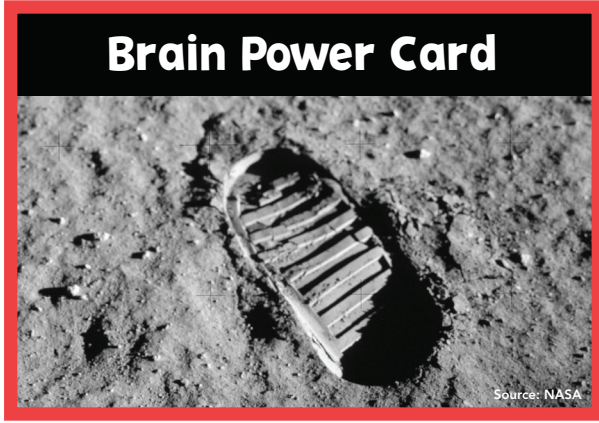
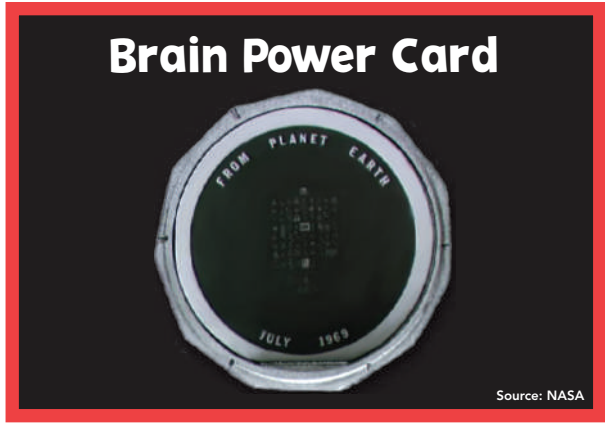
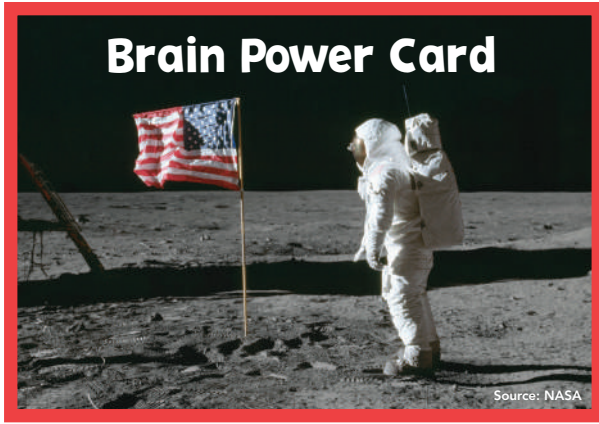
- **Great job?** Move to the next Brain Power space.
- **Pretty good?** Move up one space.
- **Better luck next time?** Stay put.

**Final Scoring: Did you have ‘The Right
Stuff’?**

- **8-12 Brain Power cards:** Great job! Create a Moon-inspired cheer to celebrate your awesome Brain Power!
- **5-7 Brain Power cards:** Pretty good! Draw a picture of one of the facts you learned about Apollo 11 and space travel.
- **0-4 Brain Power cards:** Better luck next time! Boost your brain power by learning from two more Brain Power cards while upside down, pretending you're in space

Create your own Team Power card







Goodwill Messages

A small disc, a little bigger than a quarter, was left on the Moon with messages from the leaders of the United States and 73 other countries.

Fun Fact

The messages on the disc are so small that they can only be read with a microscope.

American Flag

During each Apollo mission on the Moon astronauts planted an American flag. Buzz Aldrin was the first to do so.

Fun Fact

With no wind or air to help the flag wave, a metal rod runs across the top of the flag to hold it up.

Commemorative Plaque

A metal plaque attached to the Lunar Module reads: "Here men from the planet Earth first set foot upon the Moon, July 1969 A.D. We came in peace for all mankind."

Fun Fact

There are six plaques—each with the signatures of the Apollo astronauts—who landed on the Moon.

Boot Print

The boot print from the first steps on the Moon's surface. Buzz Aldrin and Neil Armstrong walked about half a mile while on the Moon.

Fun Fact

With no atmosphere on the Moon, the boot print hasn't changed in nearly 50 years.

Sea of Tranquility

The Sea of Tranquility was the landing site for Apollo 11. The site was named by early astronomers who thought it was a large body of water on the Moon. No need for a boat in this sea—it's completely dry!

Fun Fact

Just north of where Apollo 11 landed in the Sea of Tranquility are three craters named after the astronauts Collins, Armstrong and Aldrin.

Earthrise

An image captured from the Apollo spacecraft of the Earth rising over the Moon's horizon.

Fun Fact

A famous photographer named this Earthrise photo "the most influential environmental photograph ever taken."

First Step

Buzz Aldrin takes his first step onto the Moon, not long after fellow astronaut Neil Armstrong became the first human to step onto the Moon as he said these famous words: "One small step for man, one giant leap for mankind."

Fun Fact

Armstrong's step wasn't really that small. He had to hop 3.5 feet from the ladder to the Moon's surface. That's like jumping over four steps of a staircase!

Lunar Module or Lander

The lander spacecraft—called *Eagle*—was used by astronauts Buzz Aldrin and Neil Armstrong to transport them from the orbiting Apollo spacecraft to the Moon's surface.

Fun Fact

Because the Lunar Module was designed to only fly in space, there was no need for a streamlined shape or heat protection for re-entry to Earth.





Brain Power Card



Source: NASA

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Source: NASA

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Source: National Air & Space Museum, transferred from NASA

Brain Power Card

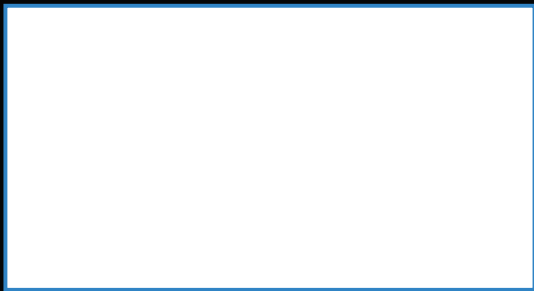


Apollo 14 Source: NASA



Golf Ball Source: The Golf Auction

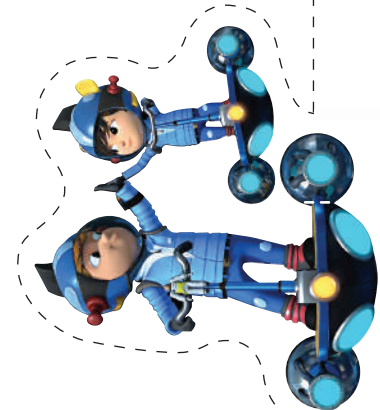
Brain Power Card



Character Playing Piece



Sample



Assemble the Playing Piece

- Cut out the playing piece.
- Fold the long tabs behind to form a loop, overlapping one half inch.
- Tape the two tabs together.
- Playing piece should stand upright on the circular base.





SpaceX Dragon

The first privately-funded spacecraft to circle the Earth and dock at the International Space Station in 2012.

Fun Fact

Dragon's first payload was a large wheel of cheese.

The International Space Station

A large, Earth-orbiting satellite that supports astronauts and research.

Fun Fact

The space station is fast, orbiting the Earth every 90 minutes! It would take over 50 hours for an average commercial jet airplane to make the same trip.

Golf Balls

Astronaut Alan Shepard hit two golf balls on the Moon during the Apollo 14 landing. The balls are still there!

Fun Fact

Because golfing was not an official part of the Apollo mission, Shepard hid the golf balls in a pair of socks for the trip to the Moon.

Felt-Tip Pen

Neil Armstrong and Buzz Aldrin used a pen—just like this one—to fix a broken switch on the Lunar Module before returning to the orbiter.

Fun Fact

Aldrin kept the pen as well as the broken switch, but Michael Collins—the third Apollo 11 astronaut—donated his pen to the Smithsonian.

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