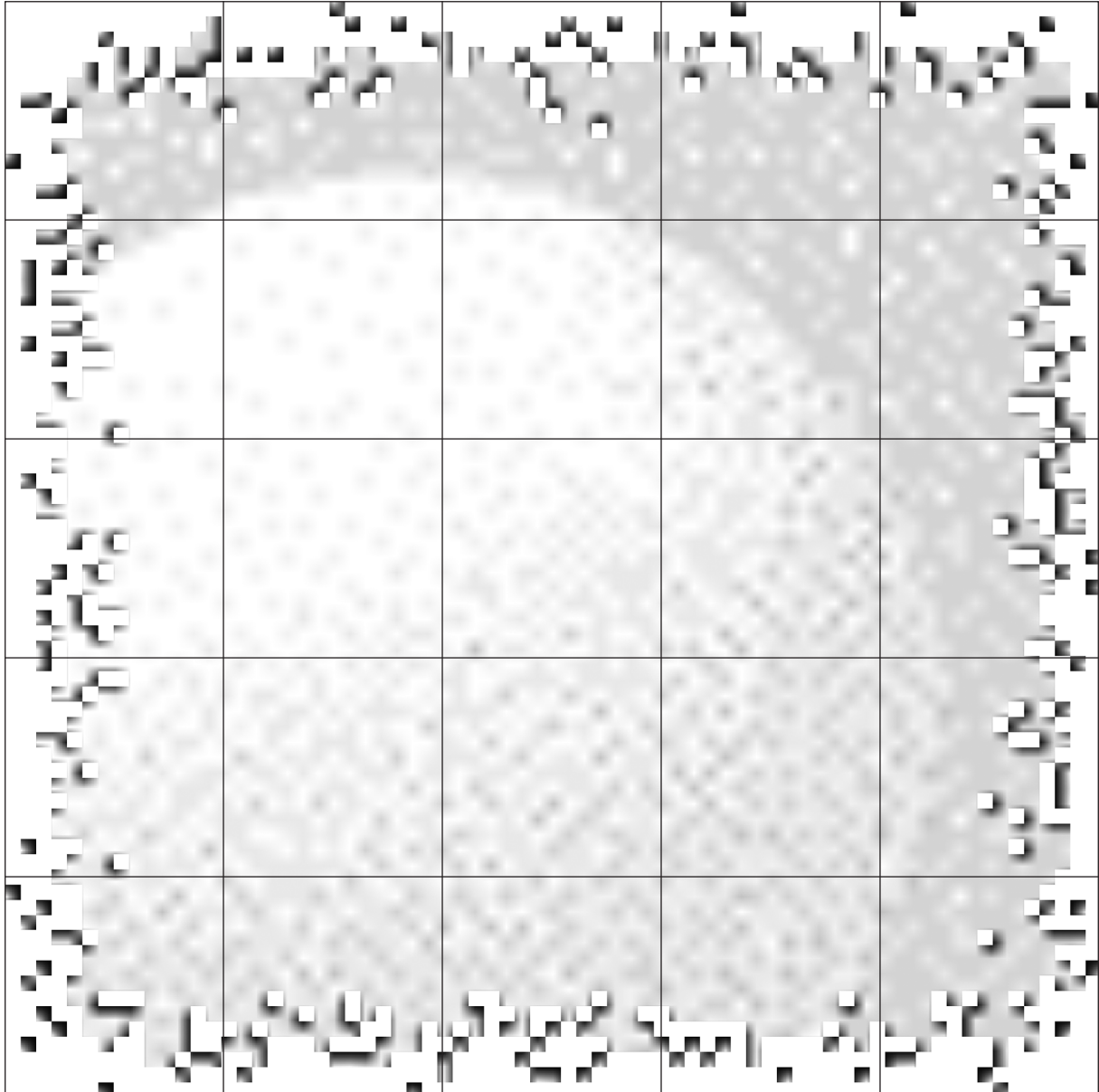


ASTRO BINGO!



Randomly enter each word from the list below into each square on the bingo grid above. Make sure that there is one word only in each square.

24 hours	Light Year	Pluto
365 Days	Asteroid	Mars
Saturn	Mercury	4.5 billion years
Solar System	Black Hole	Uranus
Constellation	Sun	Milky Way
Earth	Moon	Gravity
Venus	Jupiter	Neptune
1969	NASA	Alpha Centauri
1961		

As your leader reads out each clue, cross out in the grid the word you think the clue is referring to

When you have completed a row up/down or across, shout out BINGO!

11

ASTRO BINGO! – TERMS LIST

(Read off the terms in a random order)

The amount of time it takes for the earth to make one rotation on its axis (**24 hours**)

The amount of time it takes for the earth to make a revolution around the sun
(**365 days**)

Force of attraction between massive objects, such as the pull between earth & moon
(**gravity**)

Largest planet in our solar system, and is known for its red giant spot (**Jupiter**)

Distance light travels in one year (**Light Year**)

The year of the first man in space, Yuri Gagarin (**1961**)

This small planet is known as the rusty planet due to its reddish colour (**Mars**)

The closest planet to the sun (**Mercury**)

The name for our spiral galaxy that contains our solar system (**Milky Way**)

A dry, airless barren world that orbits our planet once every 28 days (**Moon**)

A giant bluish planet named after the Roman god of the sea (**Neptune**)

A very dense area with gravity so strong that nothing can escape it, not even light
(**Black Hole**)

The year that Neil Armstrong became the first man to walk on the moon (**1969**)

The third rock from the sun (**Earth**)

The age of our Solar System is estimated to be this figure... (**4.5 billion years**)

Consists of our sun, its planets, and all the other objects that revolve around the sun
(**solar system**)

The closest neighbouring star to our sun (**Alpha Centauri**)

Second planet from the sun that rotates in the opposite direction to that of earth
(**Venus**)

Furthest planet from the sun named for the Roman god of the underworld (**Pluto**)

A medium-sized yellow star that is very important to Earthlings (**the sun**)

A planet with seven major rings and more moons than any other planet (**Saturn**)

Seventh planet from the sun that is described as a planet on its side (**Uranus**)

The term used to describe a group or cluster of stars (**constellation**)

A small object that orbits the sun, often exhibiting a small tail behind it (**comet**)

I1

Survival on the Moon

SCENARIO

Scenario:

You are a member of a space crew originally scheduled to rendezvous with a mother ship on the lighted surface of the moon. However, due to mechanical difficulties, your ship was forced to land at a spot some 200 miles from the rendezvous point. During re-entry and landing, much of the equipment aboard was damaged and, since survival depends on reaching the mother ship, the most critical items available must be chosen for the 200-mile trip. Below are listed the 15 items left intact and undamaged after landing. Your task is to rank order them in terms of their importance for your crew in allowing them to reach the rendezvous point. Place the number 1 by the most important item, the number 2 by the second most important, and so on through number 15 for the least important.

Activity:

Your Ranking

NASA Ranking

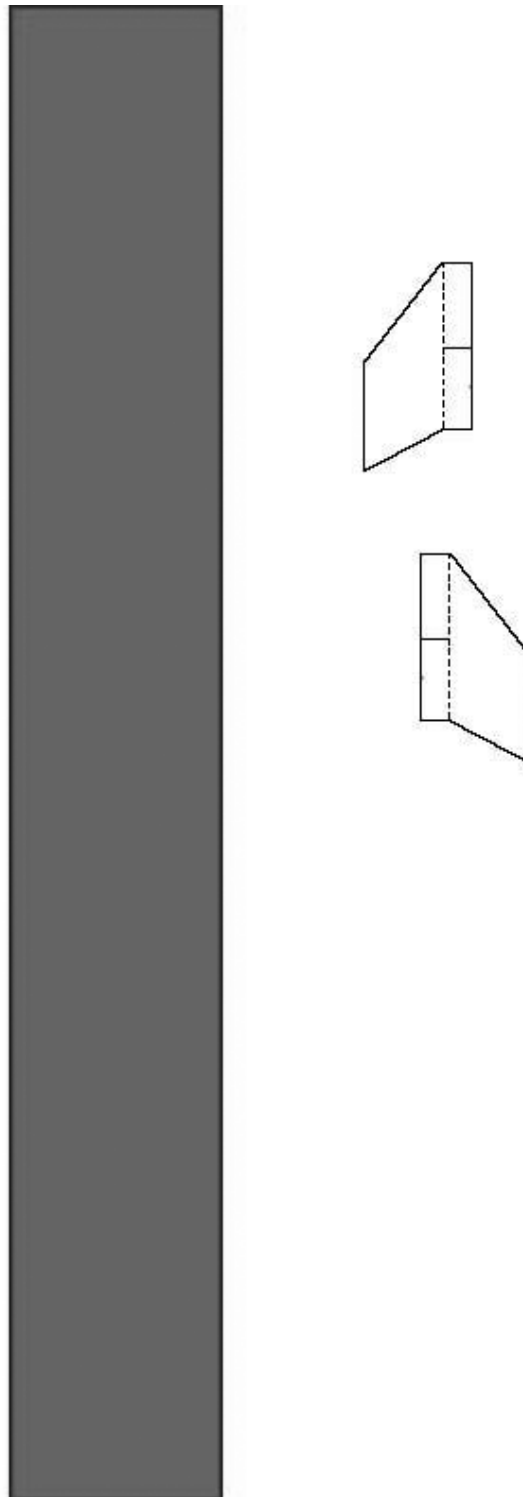
- | | | |
|-------|---|-------|
| _____ | Box of matches | _____ |
| _____ | Food concentrate | _____ |
| _____ | 50 feet of nylon rope | _____ |
| _____ | Parachute silk | _____ |
| _____ | Portable heating unit | _____ |
| _____ | Two .45 calibre pistols | _____ |
| _____ | One case of dehydrated milk | _____ |
| _____ | Two 100lb. tanks of oxygen | _____ |
| _____ | Stellar map | _____ |
| _____ | Self-inflating life raft | _____ |
| _____ | Magnetic compass | _____ |
| _____ | 5 gallons of water | _____ |
| _____ | Signal flares | _____ |
| _____ | First aid kit, including injection needle | _____ |
| _____ | Solar-powered FM receiver-transmitter | _____ |

I1

Construct a Model Rocket

STRAW ROCKET PATTERNS

Cut out the paper strip. Cut out fins or make your own.



I1

Construct a Model Rocket

HOW TO MAKE A STRAW ROCKET

