



Waipā District Libraries

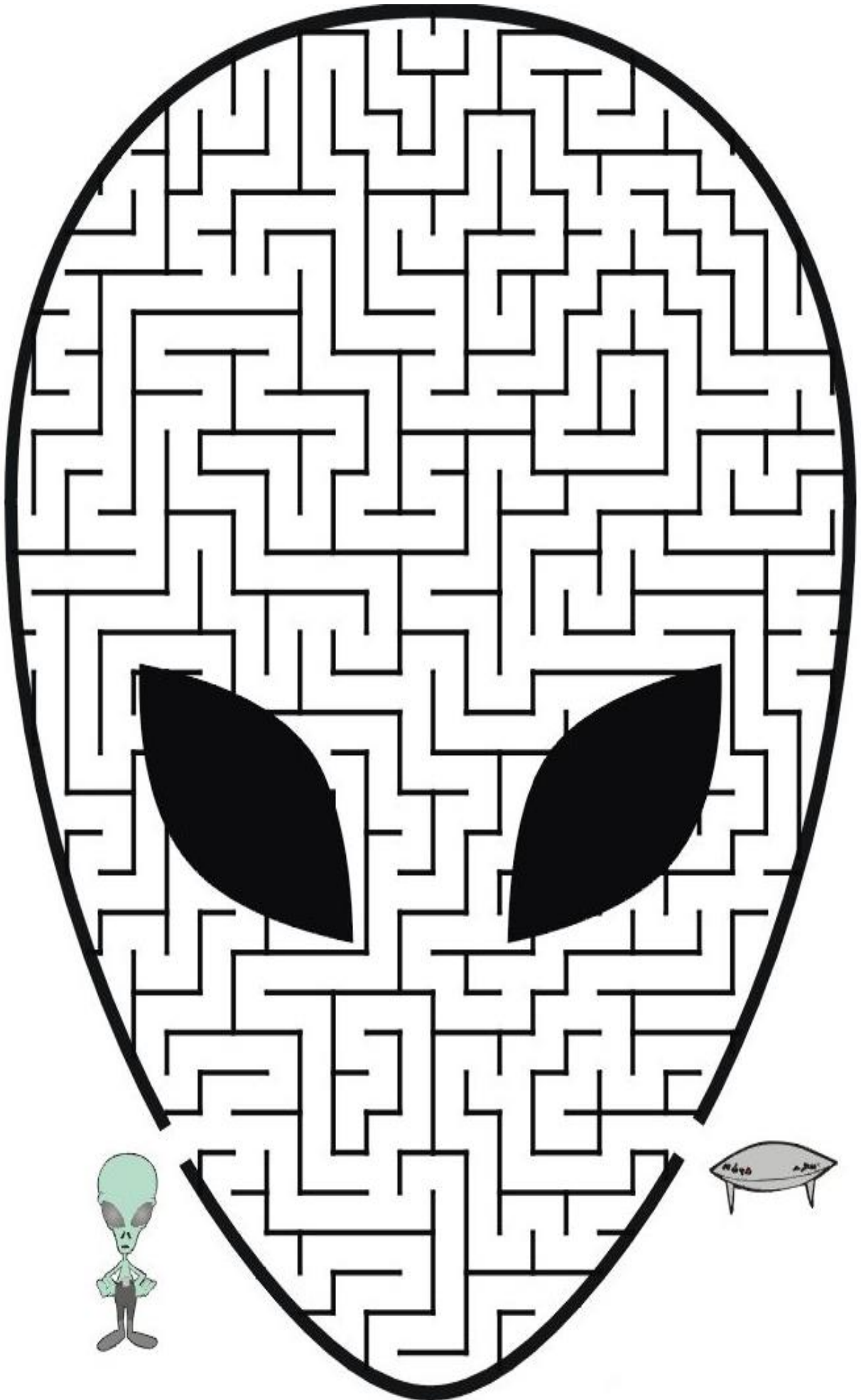
Out of this World!

October school holiday
programme

4th – 15th October 2021

Ages 5-12 years

Solve the space maze!



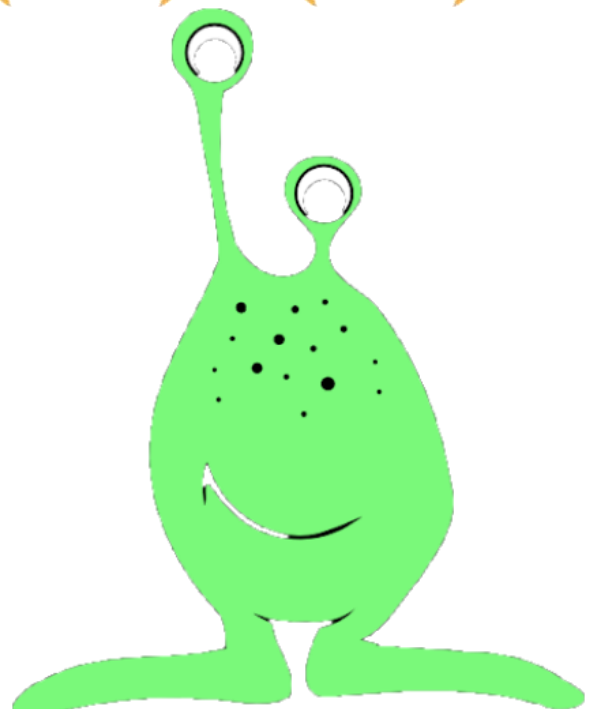
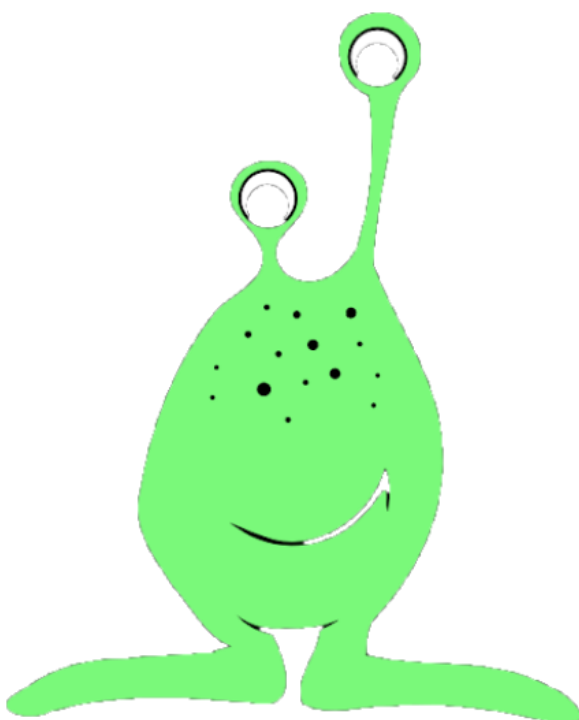
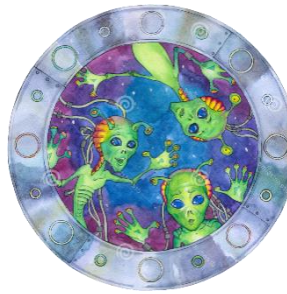
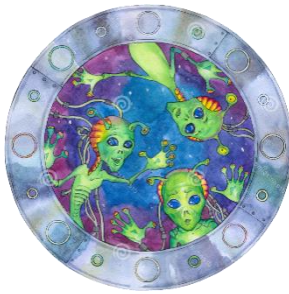
Make a flying saucer

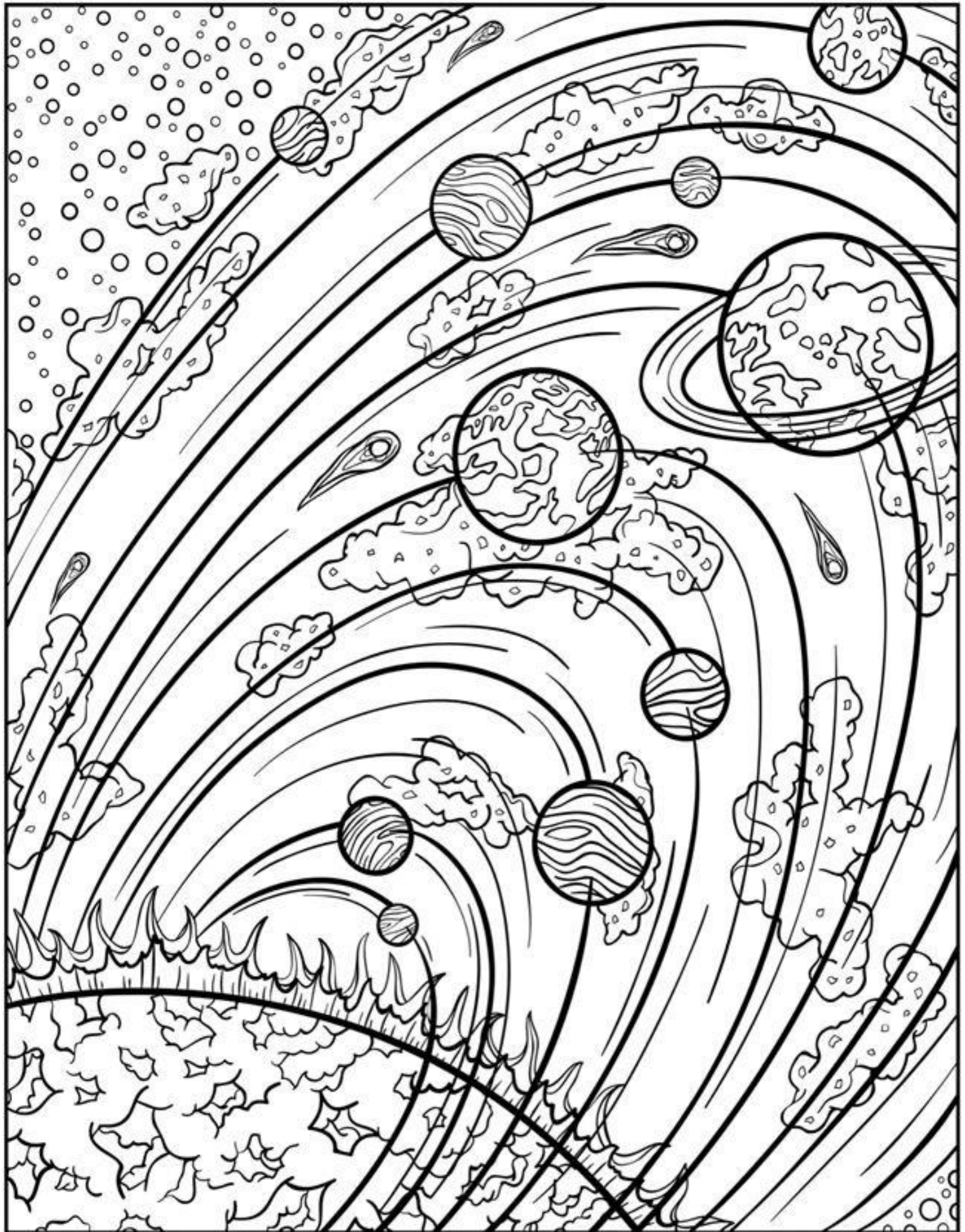
You will need:

- 2 paper plates
- Clear plastic cup or the bottom of a clear plastic bottle – cut off
- Glue stick
- Scissors



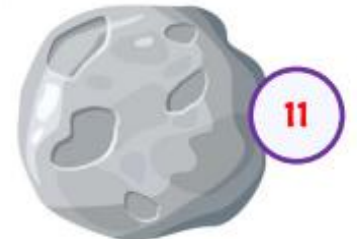
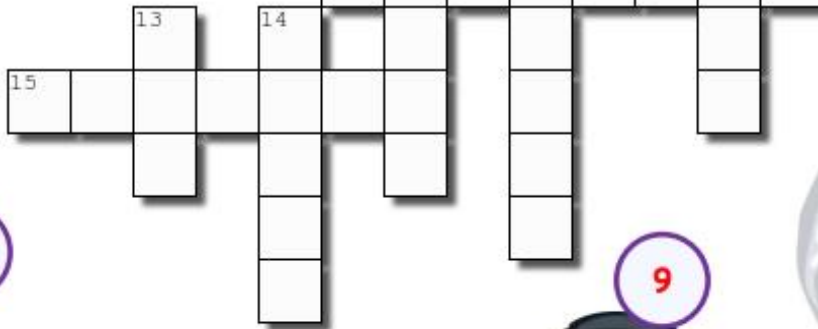
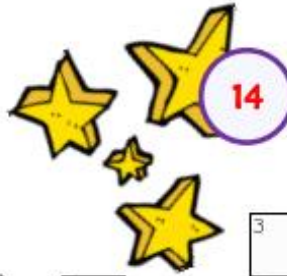
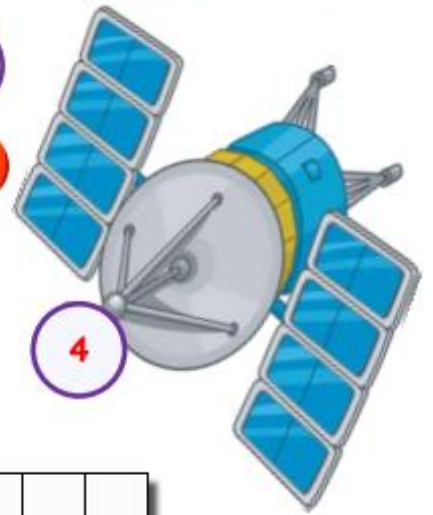
Glue the 2 plates together and let them dry. Cut out the alien in these instructions and glue both sides together. Glue it to the middle of one plate by bending a little bit of the bottom of each side of the alien in opposite directions. Glue the plastic cup or bottle over the alien. You could cut a hole in one plate (ask a grown up) before you glue the plates together and then glue the alien into the hole. Cut out the port holes and stars from the booklet and glue around the edge and on the bottom of your flying saucer.





SPACE CROSSWORD PUZZLE

Look at the numbers on the pictures and write the space vocabulary in the crossword

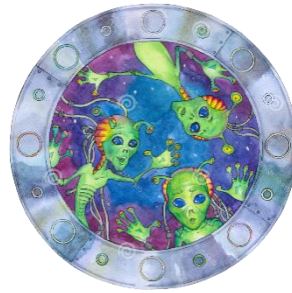
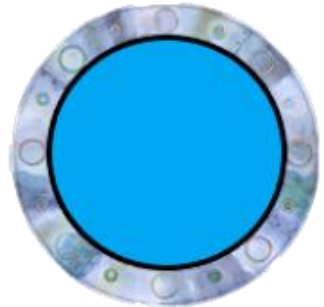
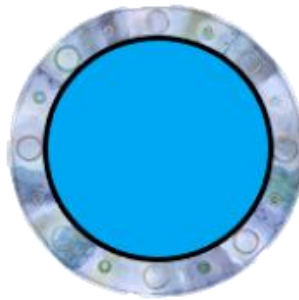
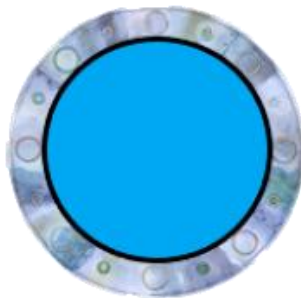


Make a rocket ship

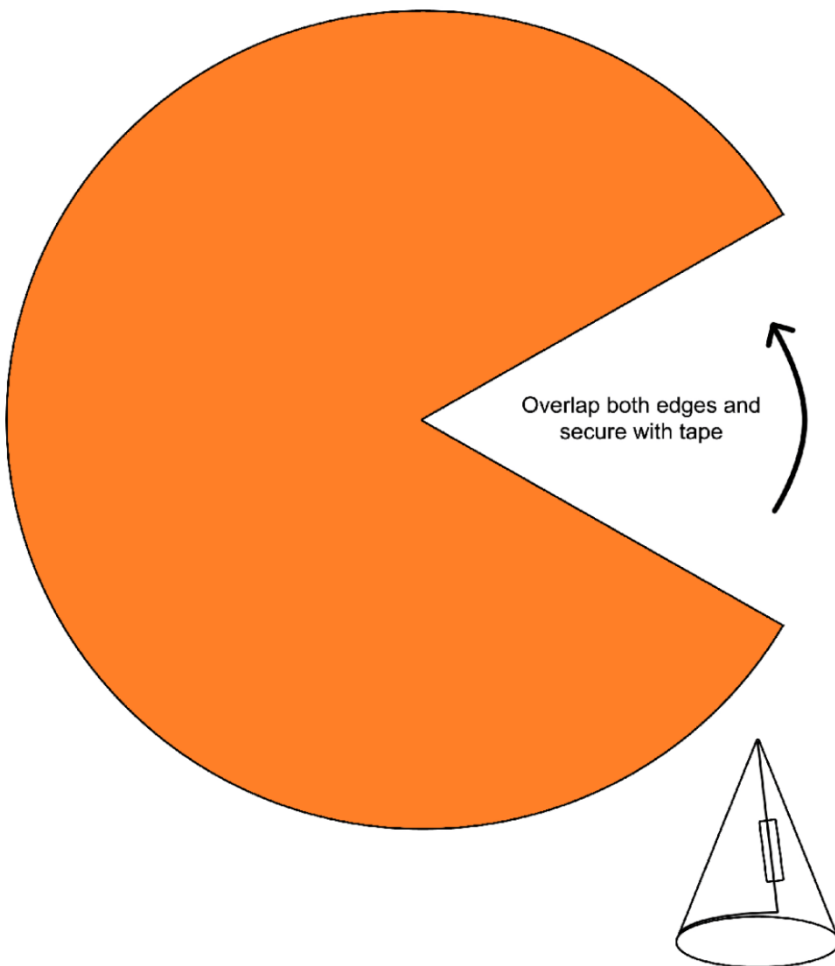
You will need

- a kitchen paper or toilet roll tube
- light cardboard – a cereal box of something similar
- tinfoil
- glue stick
- scissors

First glue tinfoil onto the tube to cover it. Next, cut out the fins that are on the next pages. Trace a fin onto cardboard 3 times and cut them out. Glue the fins you cut out of the page to both sides of the 3 cardboard fins. Cut down the slot marked on each one. Make three slits, evenly around the bottom of the tube and slot in the fins. Next cut out the decorations from this page and glue them to your rocket, with the flames coming out the end. Lastly cut out and make the nose cone as per instructions. Put a little glue around the top of the tube and glue the cone in place. You have now made a rocket ship!









Can you find all the words hidden in this puzzle?

F	P	L	A	N	E	T	C	G	E	L	X	S	I	T
I	B	V	G	L	A	L	I	E	N	T	S	A	T	E
K	S	U	N	N	R	Q	U	N	I	O	M	T	I	S
L	O	V	I	Y	T	B	V	T	E	K	H	U	O	U
U	X	C	O	M	H	T	O	L	Q	P	E	R	N	P
N	I	U	L	Z	S	H	B	P	U	Y	T	N	K	I
A	S	T	A	R	O	T	N	M	A	B	V	U	O	H
R	G	E	H	V	J	U	P	I	T	E	R	L	N	S
C	T	P	L	E	C	V	N	Z	M	C	X	S	I	E
R	I	Q	T	N	P	L	U	T	O	G	O	P	B	C
O	O	T	B	U	N	U	G	V	O	R	B	I	T	A
E	M	C	O	S	M	I	C	Y	N	O	K	L	Z	P
T	V	L	K	H	P	N	S	L	T	Q	M	A	R	S
E	P	U	Z	E	K	U	R	A	N	U	S	N	T	V
M	C	O	Y	V	T	C	M	Y	R	U	C	R	E	M

Planet
Spaceship
Star
Moon
Alien

Rocket
Orbit
Meteor
Lunar
Cosmic

Pluto
Mars
Earth
Venus
Jupiter

Saturn
Neptune
Uranus
Mercury
Sun

Get spaced-out with some great non-fiction!

Space / Nick Pierce – 523.1 PIE

Space travel / Jerry Stone – 629.45 STO

Space explorers / Libby Jackson – 629.45 JAC

Space quest / Alex Woolf – 629.45 WOO

Space facts and jokes / John Townsend – 520 TOW

In outer space / Paul Mason – 520 MAS

Living in space / Lucy Beckett-Bowman – 629.45 BEC

The space race / Sarah Cruddas – 629.41 CRU

Dogs in space / Vix Southgate – 629.45 SOU

A guide to space / Kevin Pettman – 520 PET

Wow! Space : a book of extraordinary facts / Carole Stott – 520 STO

The daredevil's guide to outer space / Anna Brett – 520 BRE

The Kingfisher space encyclopedia / Mike Goldsmith – 520 GOL

The International Space Station / Clive Gifford – 629.442 GIF

Out of this World fiction!

The secret explorers and the comet collision / S. J. King – KIN

Curse of the robo-dragon / Adam Blade – BLA

Orion lost / Alastair Chisholm – CHI

Survival in space : the Apollo 13 mission / David Long – LON

Silver and gold / Catherine Hapka - HAP

We're not from here / Geoff Rodkey - ROD

The library of ever / Zeno Alexander - ALE

Space detectives : 1 / Mark Powers - POW

A boy and a ball / Phil Cummings – CUM

My life as a cat / Carlie Sorosiak – SOR

Steam / Drew Ford [graphic novel] - FOR

Emperor of the universe / David Lubar – LUB

Journey to the moon / Catherine Hapka – HAP

Trail blazing astronaut / Lisa Rajan – RAJ

Squidge Dibley destroys the galaxy / Mick Elliot – ELL

The long-lost, secret diary of the world's worst astronaut / Tim Collins – COL

Make a solar system mobile

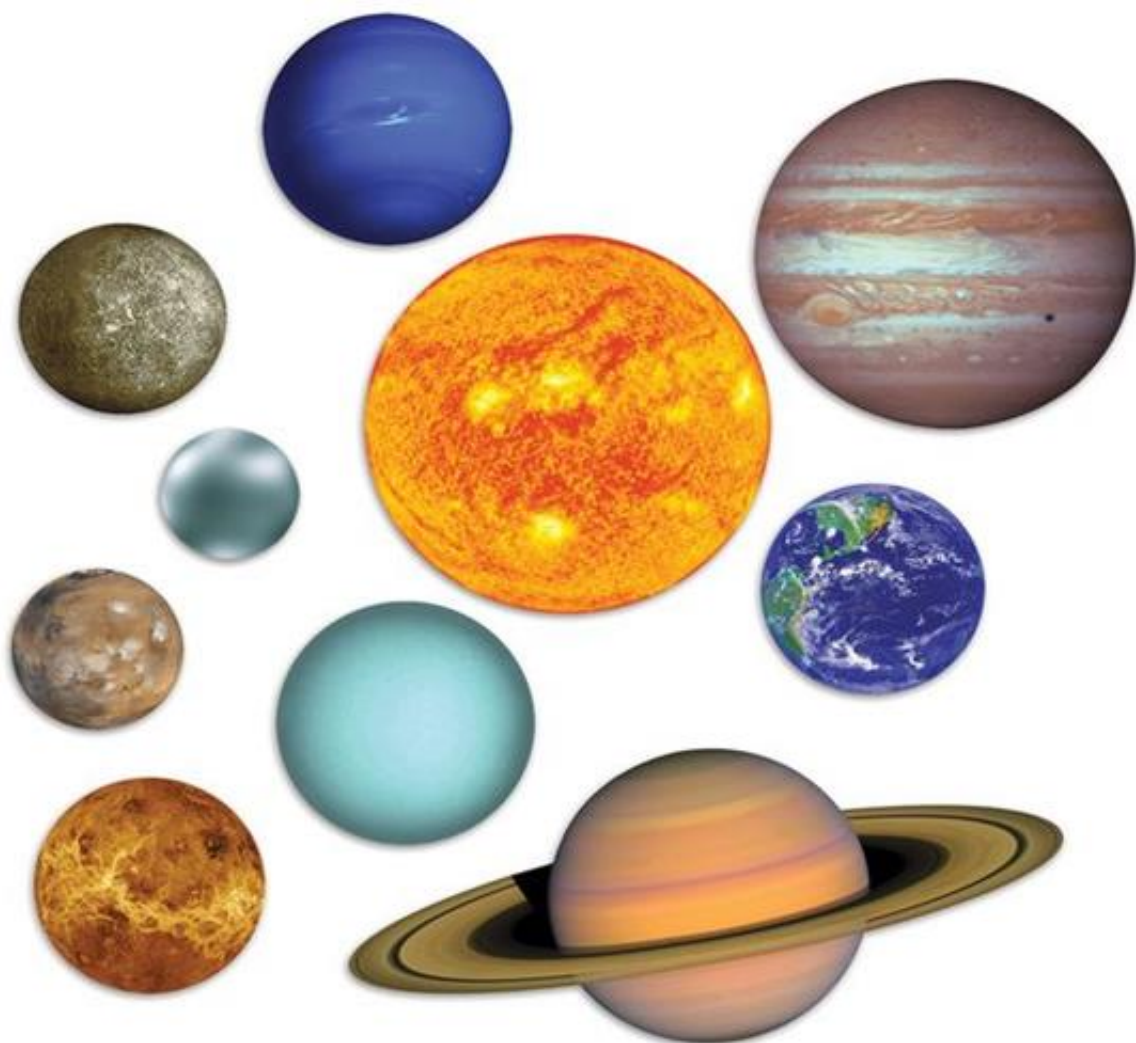
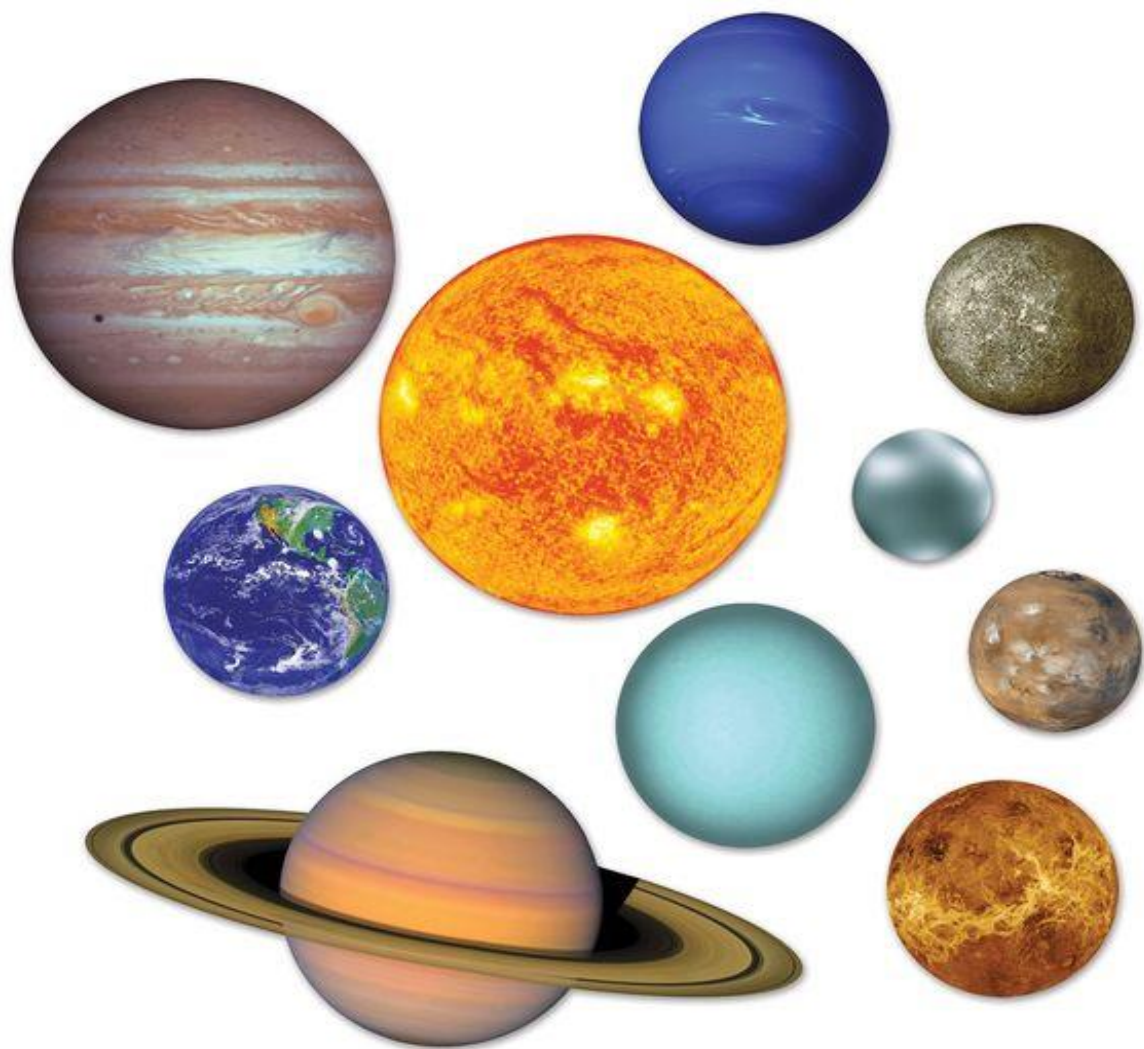
Make a solar system mobile

You will need:

- Scissors
- Glue stick
- Cotton
- Skewer
- Piece of thin cardboard
- Templates (in this booklet)

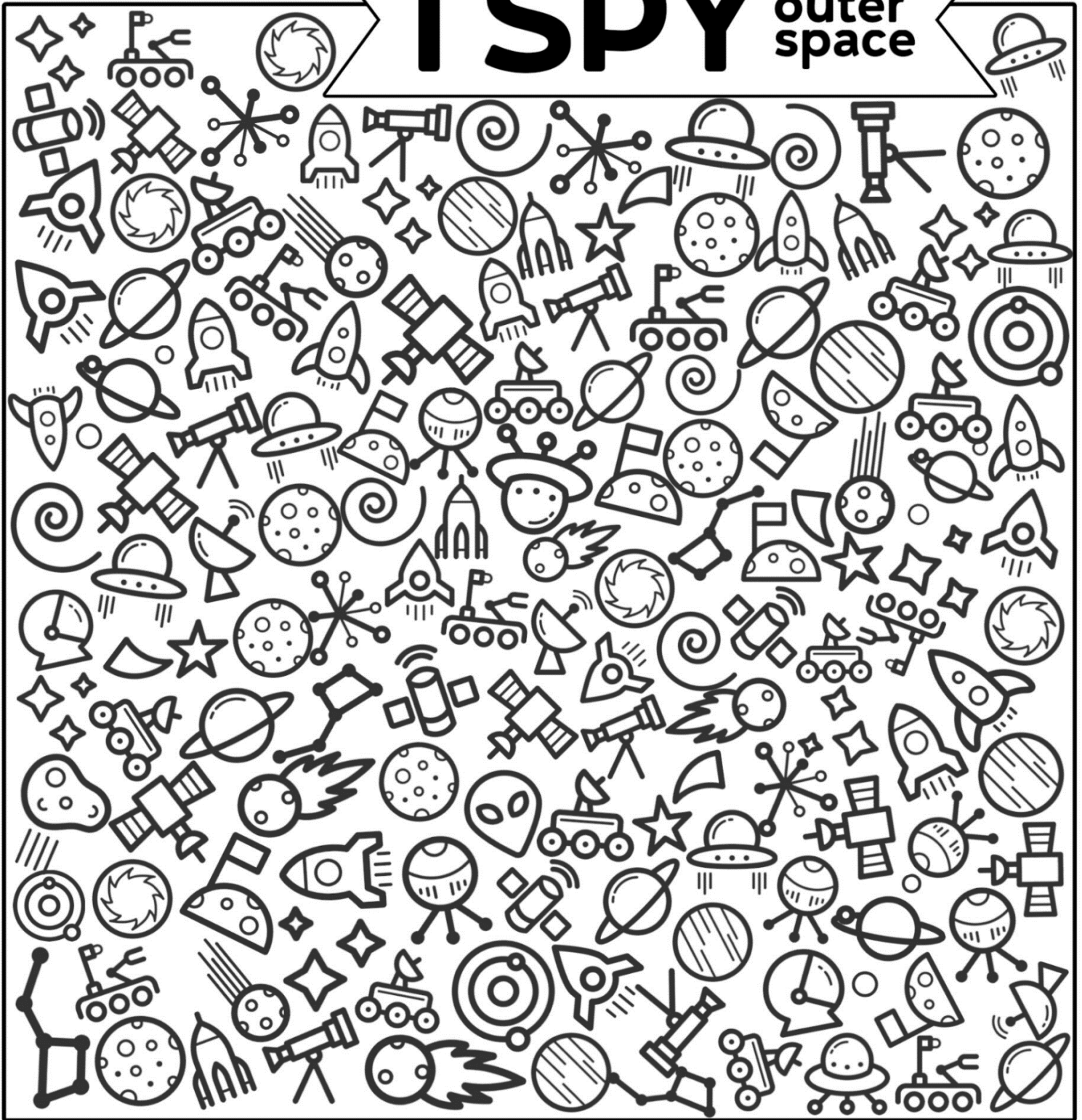
Cut out the galaxy template below and draw around it on the cardboard. Glue the galaxy to the cardboard circle. Cut out the planets and glue together. Poke a hole at top edge of each planet with the skewer and tie with a piece of cotton. Poke 10 holes in the galaxy circle – one in the middle for the sun and the other nine going out and around in the correct order (look it up!). Poke cotton through holes and tape to back of galaxy. Hang each planet at a different length so you can see them all. You can tape the galaxy circle to the ceiling to display your mobile.



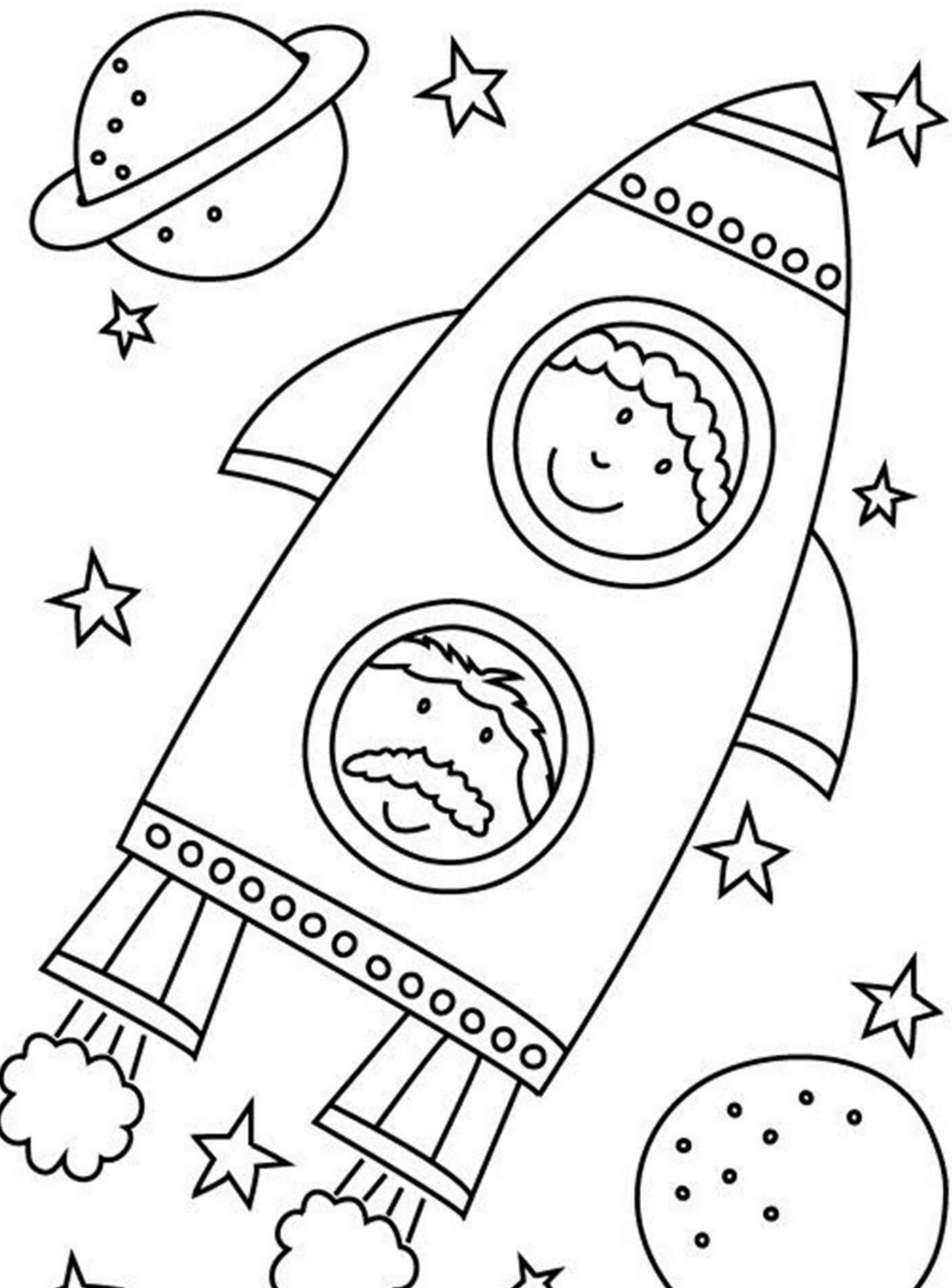


Cross the objects off as you find them and try to get them all!

I SPY outer space



- | | | | | | | | | | | | | | | | | | | | |
|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|
| 2 | | 4 | | 4 | | 5 | | 4 | | 5 | | 7 | | 4 | | 6 | | 5 | |
| 1 | | 6 | | 7 | | 1 | | 3 | | 6 | | 7 | | 4 | | 7 | | 5 | |
| 3 | | 3 | | 4 | | 6 | | 2 | | 7 | | 5 | | 9 | | 6 | | 3 | |



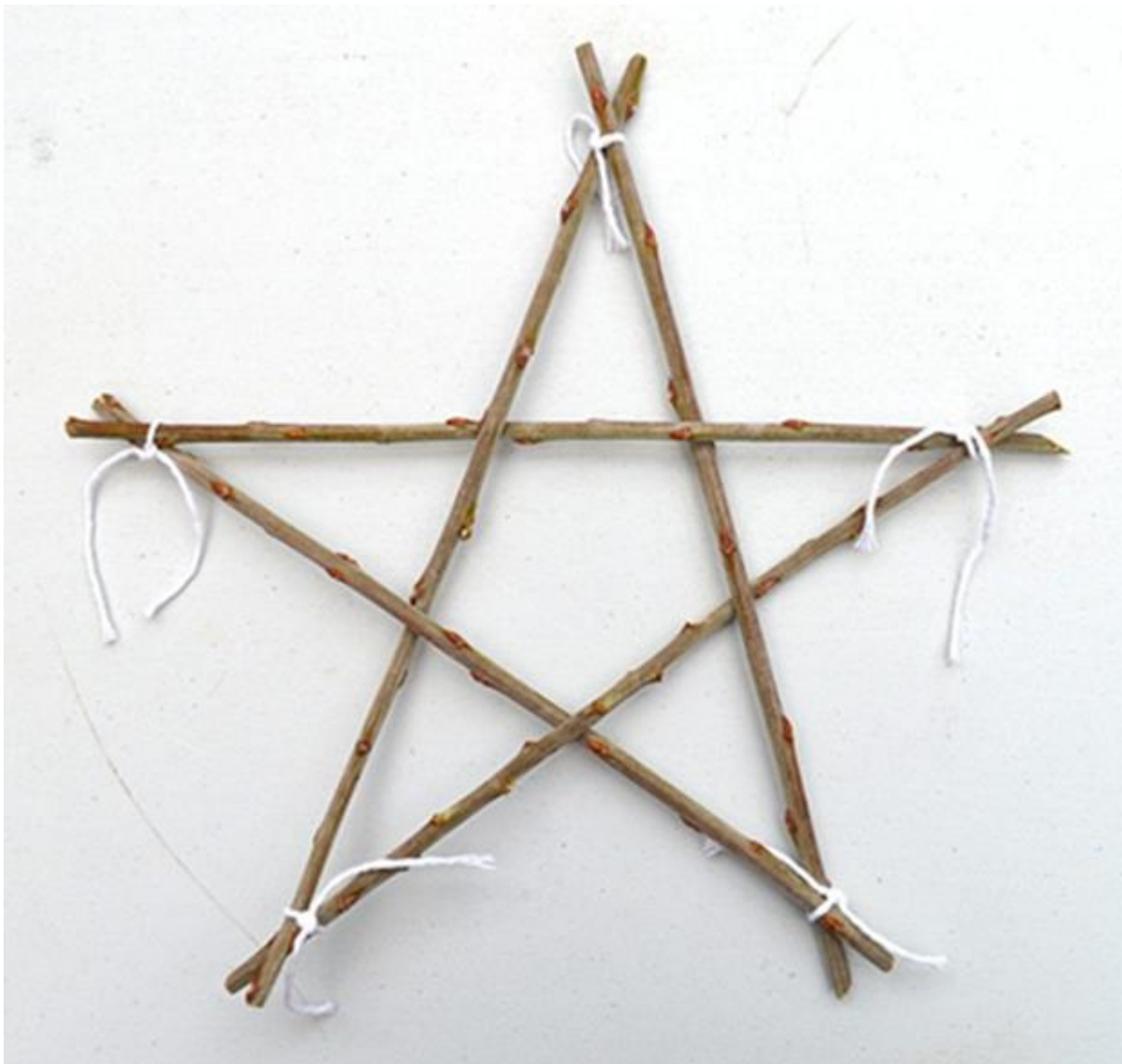
Twig star bird feeders

You will need :

- Bundles of five slender twigs – about 30cm long, for each star
- You could use five wooden skewers instead if you don't have any twigs
- Twine or string to tie them
- Popcorn / bits of fruit / seed balls

Thread a couple of bits of popcorn, fruit or mold seed balls on to each of the five sticks. Use the picture below to help you see how to tie the ends of the twigs into a star shape. Make one triangle first and then the second, threading it through the first one. It holds together because the twigs cross over. You will have to cut them all to the same length. Make a hanger from string or twine.

Seed balls: Use coconut oil or leftover fat from cooking, to mix together with some seeds, nuts, dried fruit, cooked rice, coconut, bread crumbs (any combination of soft food birds would eat) until the mixture will mold around the sticks and stay there.



Space Racer game

Grab a dice and some buttons for counters. Take turns to roll and advance by the same number of places. Follow the arrows and if you land on a star you miss a turn.



Make an Outer Space bookmark!

You will need:

- Colored paper in a few colors
- Popsicle sticks or thin cardboard
- Glue sticks
- Scissors
- Colored pens or pencils
- Tape

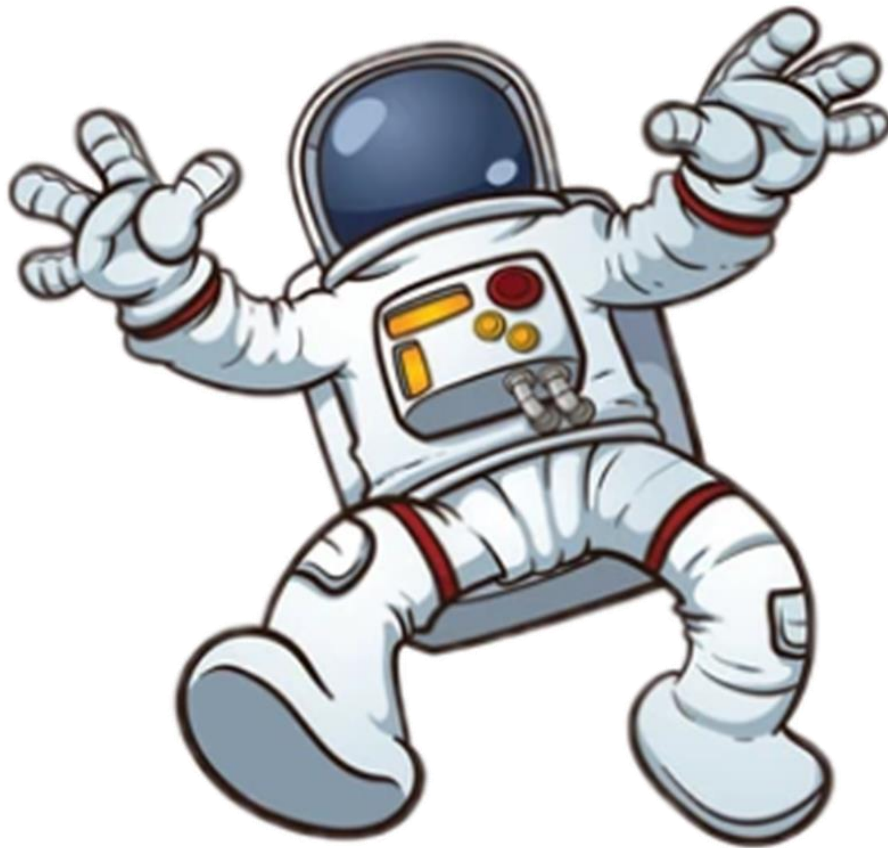
Draw an alien, a rocket or a UFO on to some colored paper. Glue or draw details on whatever you have created.

Then either tape a popsicle stick to the back or cut a 15cm x 5cm strip of card and bend it in the middle so it is about 7.5cm long. Tape or glue your creation to the bent end and slip it over your book page. Here are some ideas – just use your imagination.



**Check out our Facebook page for online tutorials,
additional activities and instructions on how to enter the
colouring competitions.**

**You can download extra copies of this booklet by going
to the Events page on our website and clicking on the
link provided.**



We hope you have enjoyed exploring our holiday program and activities.

Thank you for adapting to the different ways we have found to deliver our programs.

Cambridge Library 23 Wilson Street, Cambridge, phone 07 823 3838

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