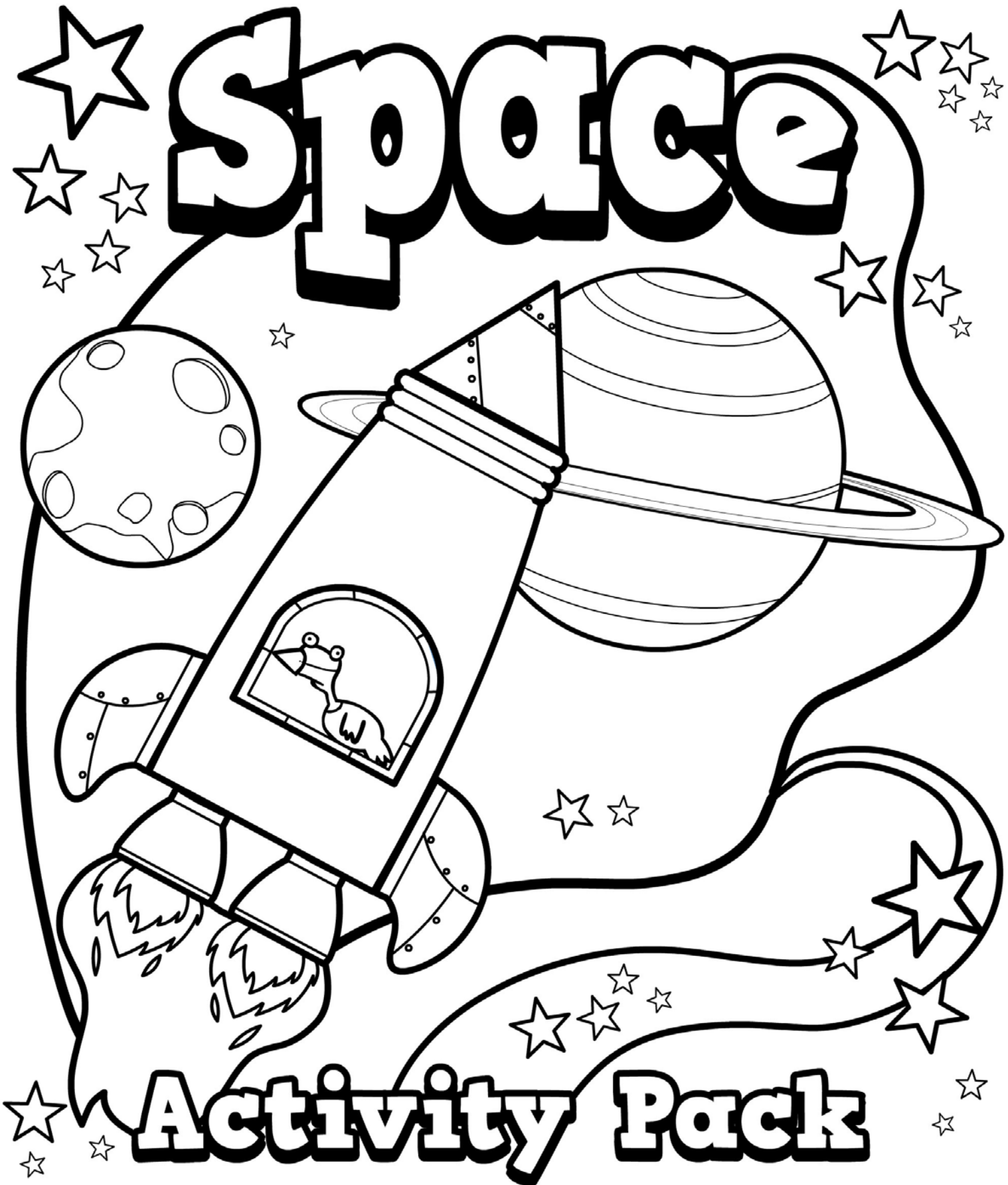


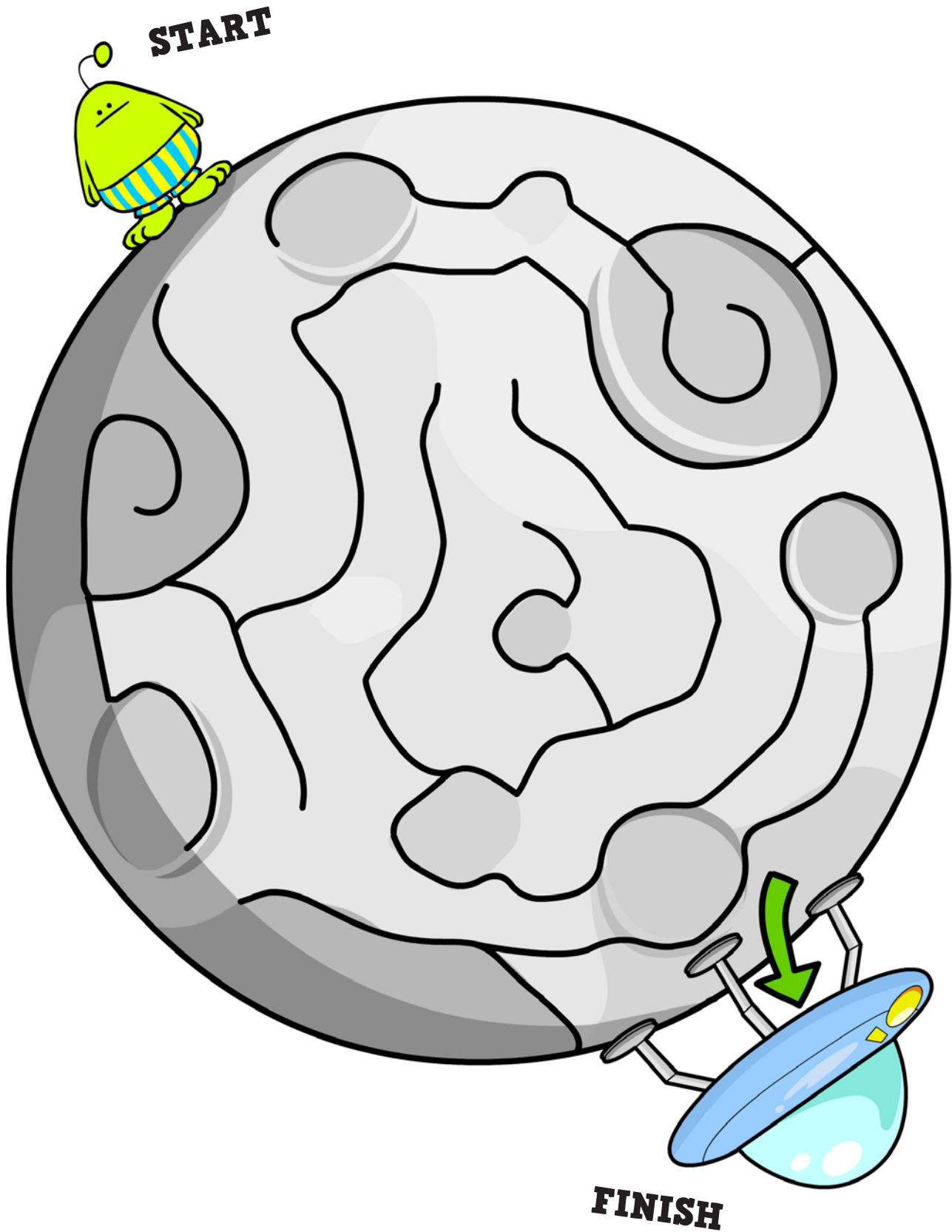
Space



Activity Pack

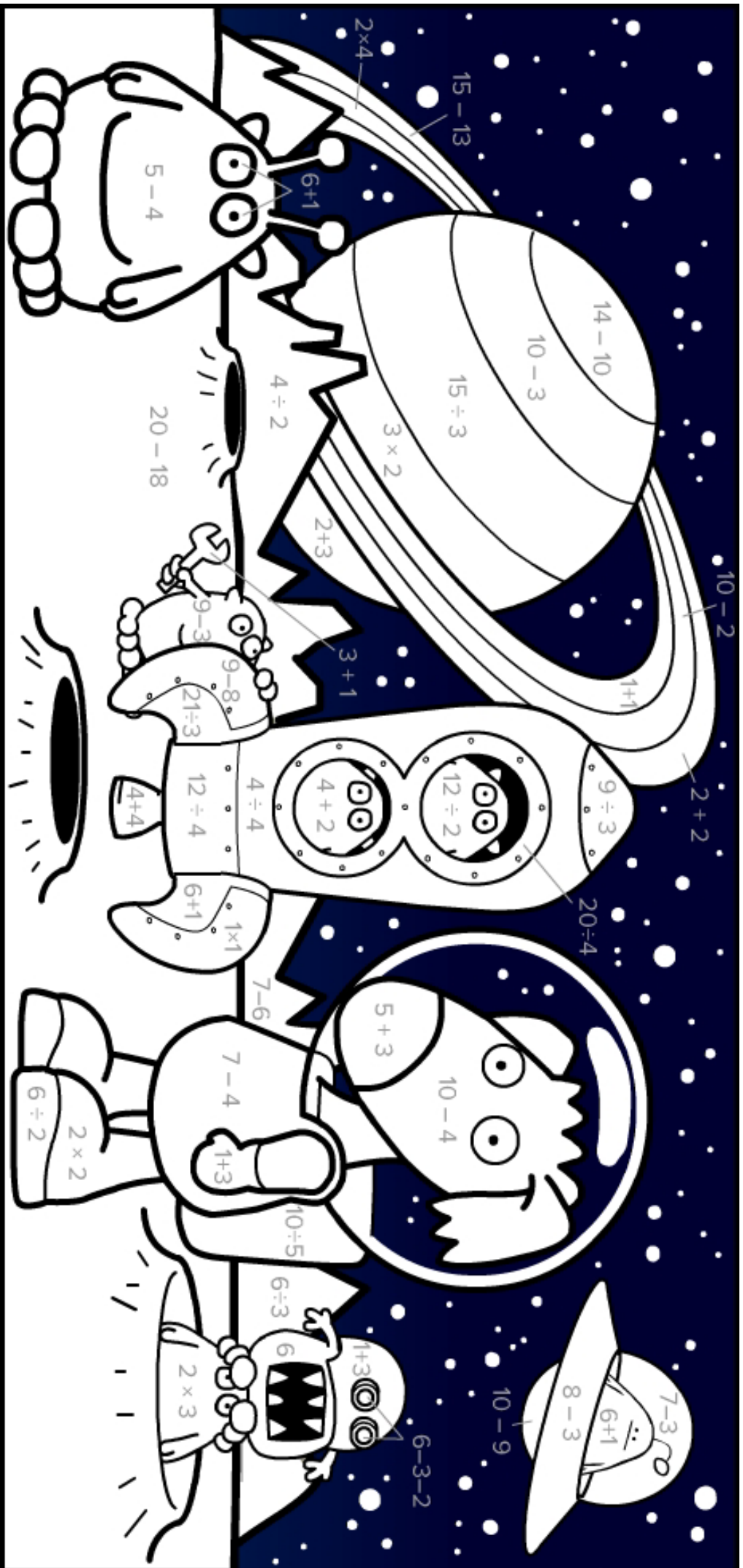
Moon maze

Guide the alien to his space ship.



Paint-by-numbers

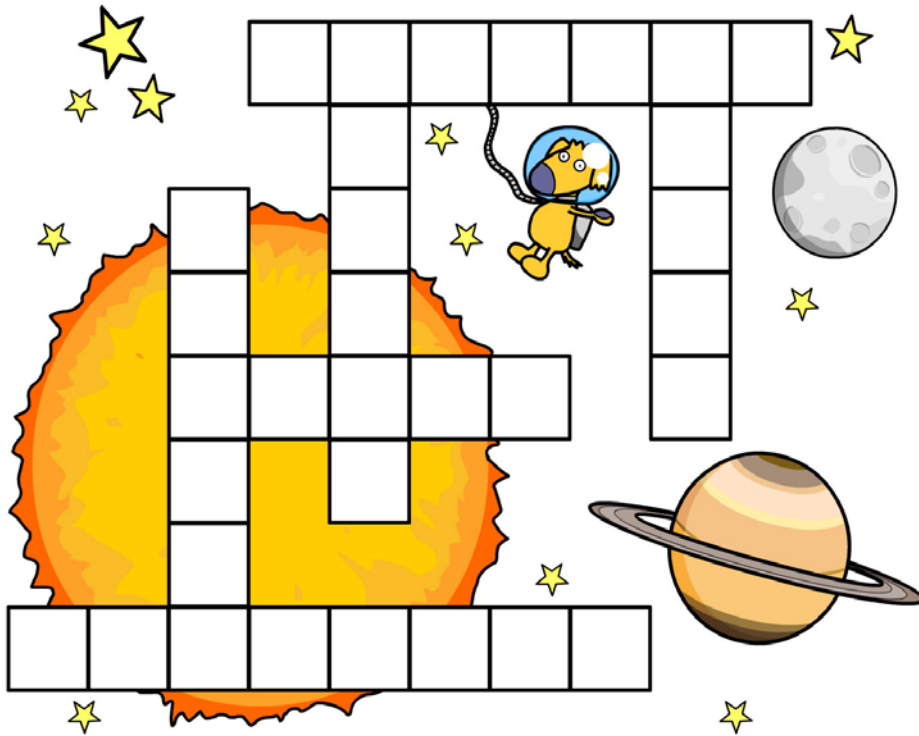
Colour the scene by solving the maths problems and using the key.



-  = 1
-  = 2
-  = 3
-  = 4
-  = 5
-  = 6
-  = 7
-  = 8

Jig-word

Fit the words into the spaces. Be careful because some words have the same amount of letters!



alien

cosmic

planet

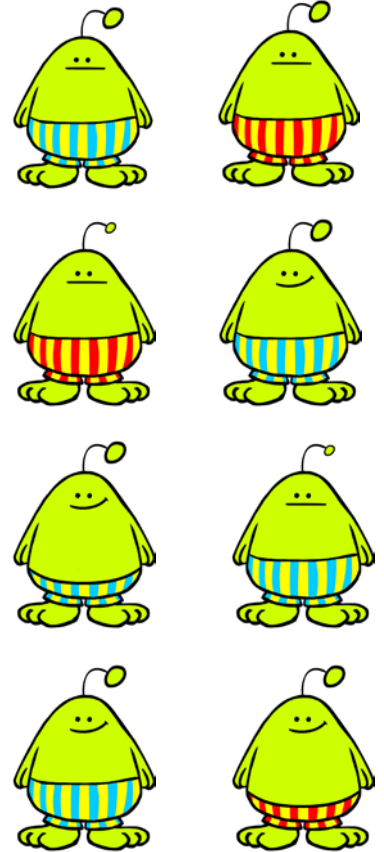
asteroid

eclipse

stars

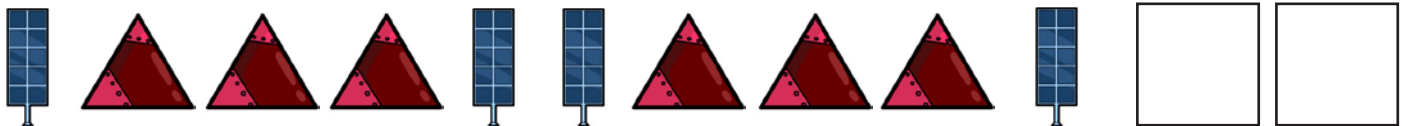
Alien twins

Which two aliens are exactly the same?



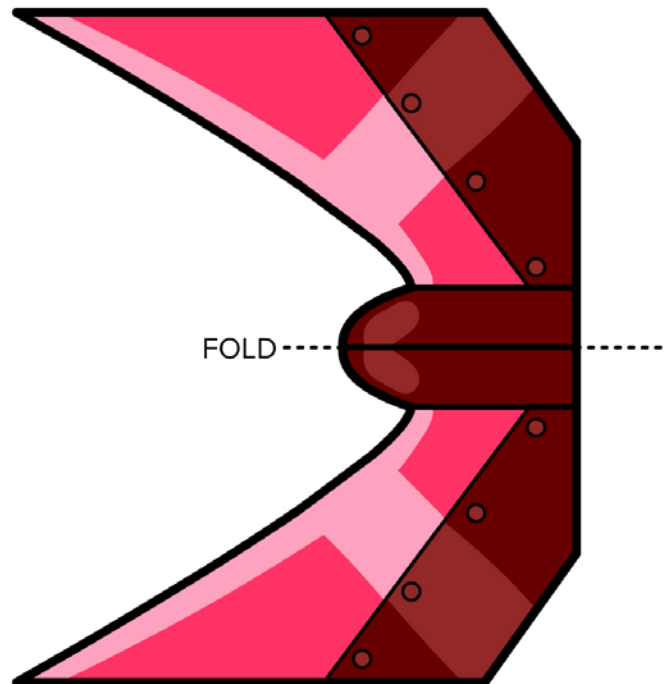
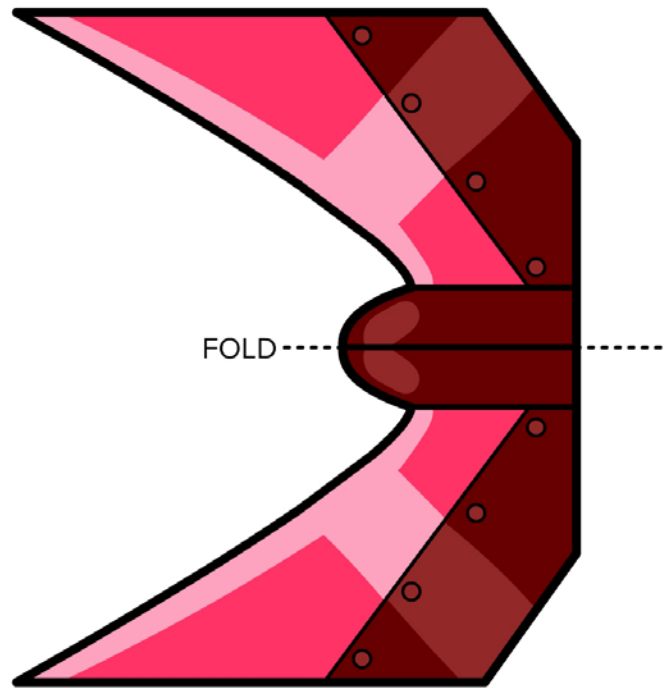
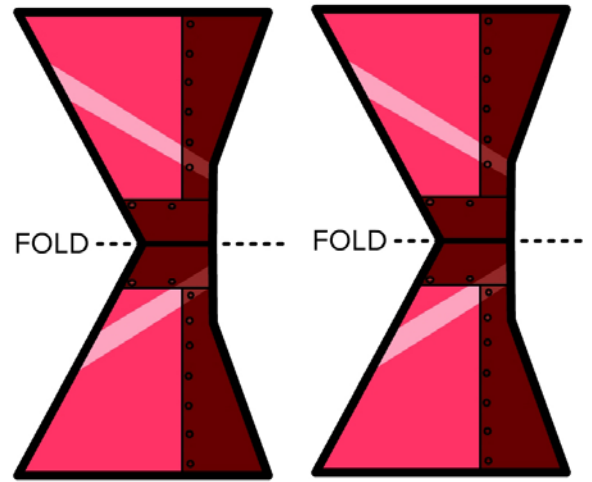
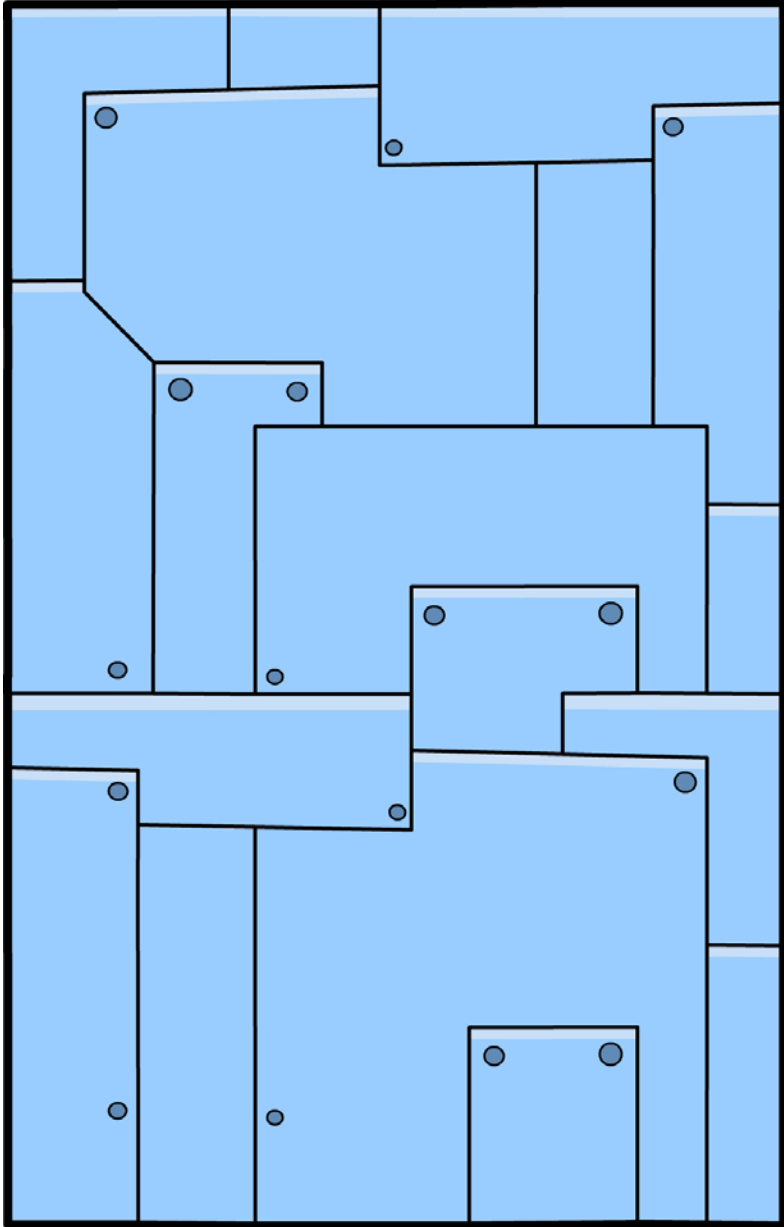
Sequences

Continue the picture sequences below.

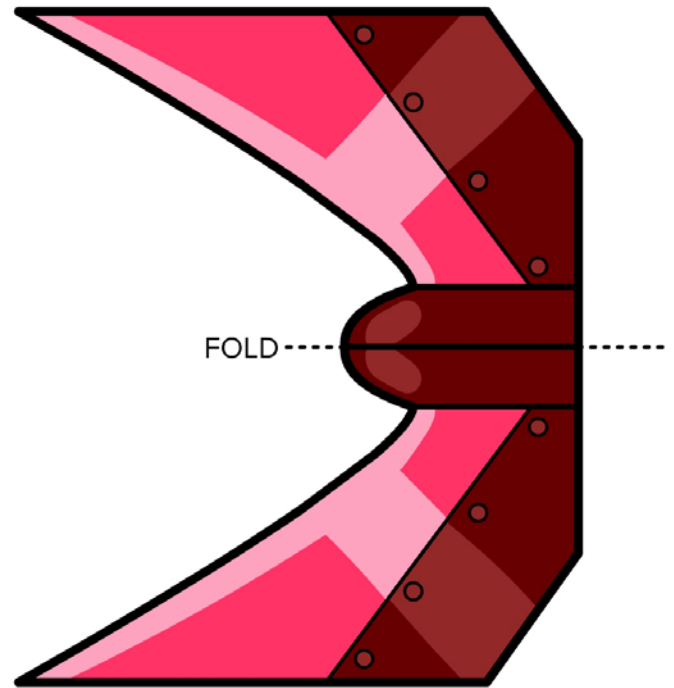
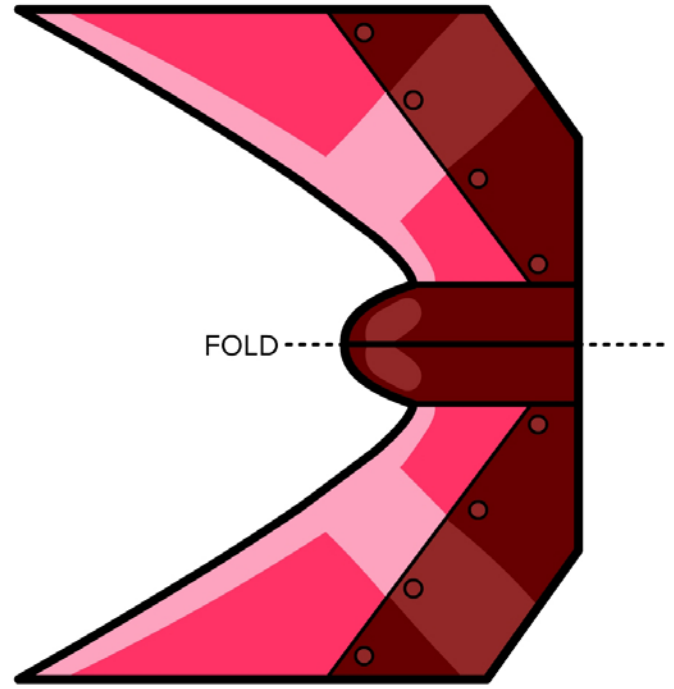
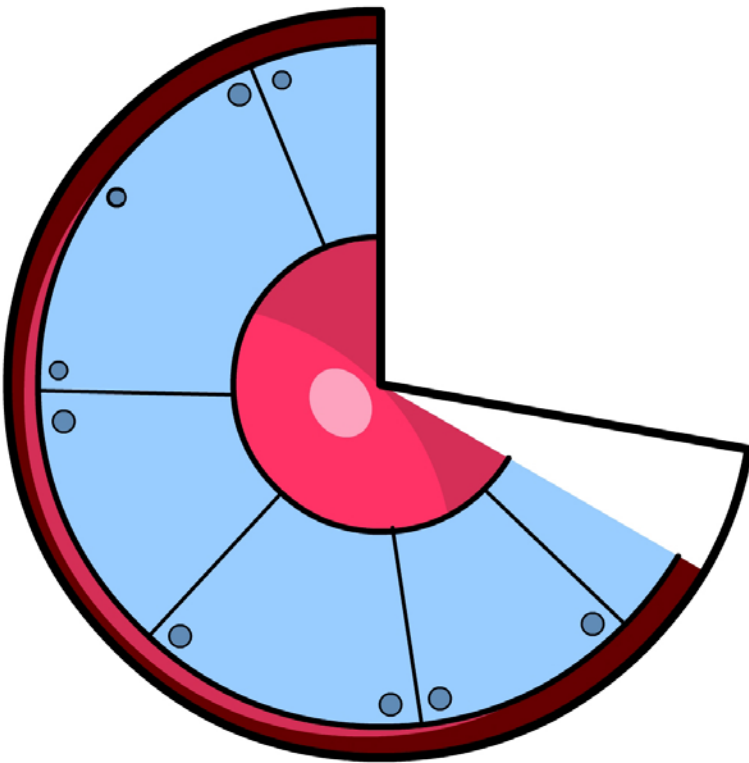
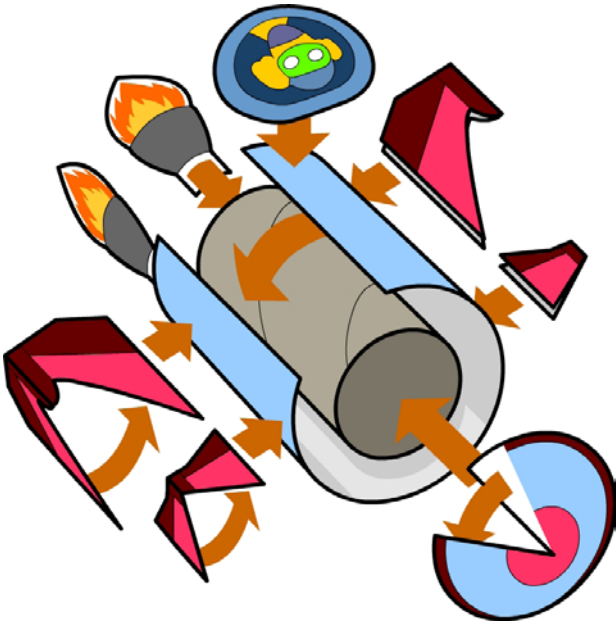


Build a rocket

Make a space rocket using these cut out parts and a toilet tube (2 pages).



Busy Things



Space wordsearch

Find the words forwards, backwards, up, down and diagonally.



e	r	d	c	o	m	e	t	o	r	g
g	o	e	s	r	e	v	i	n	u	p
i	n	a	i	g	a	l	a	x	y	s
g	p	y	s	d	n	s	k	j	n	t
r	s	e	w	t	r	x	p	g	q	a
a	r	o	e	t	e	m	e	a	i	r
v	z	g	p	n	i	r	l	d	c	p
i	d	r	g	o	j	x	o	o	g	e
t	i	b	r	o	y	u	a	i	k	w
y	u	k	g	m	s	z	m	y	d	n
q	g	p	l	a	n	e	t	w	e	s
a	s	t	r	o	n	a	u	t	h	a

asteroid

galaxy

moon

space

astronaut

gravity

orbit

star

comet

meteor

planet

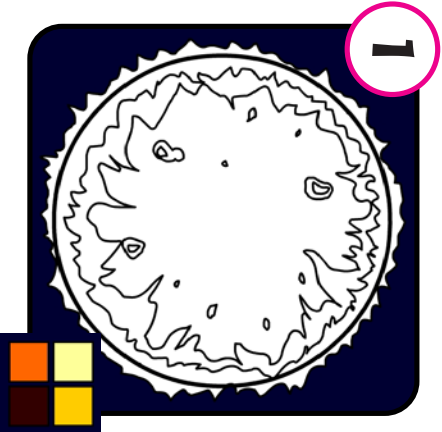
universe

Busy Things

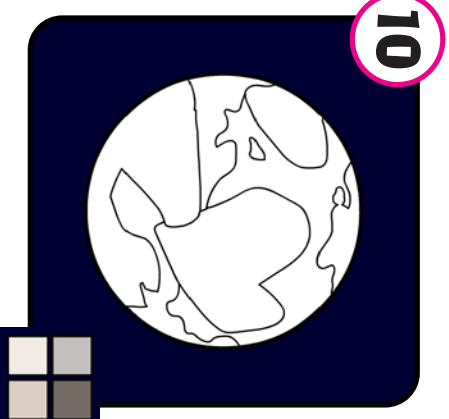
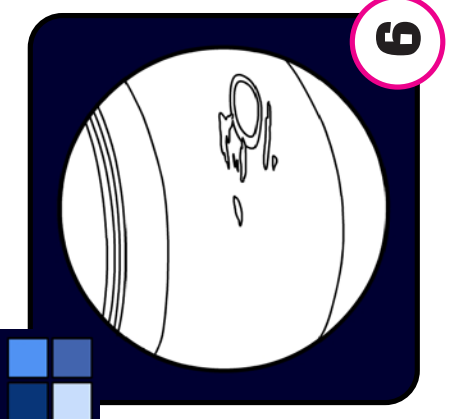
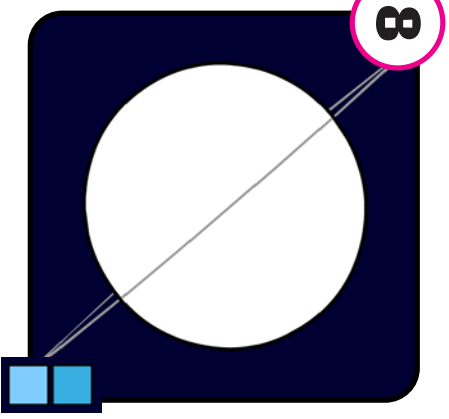
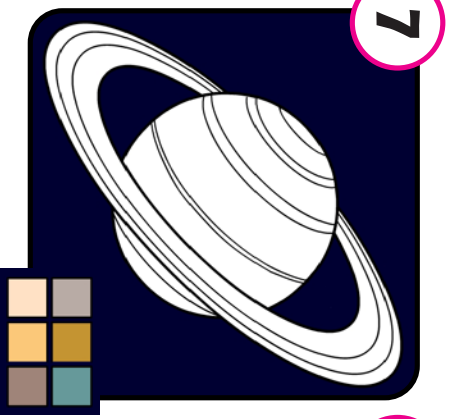
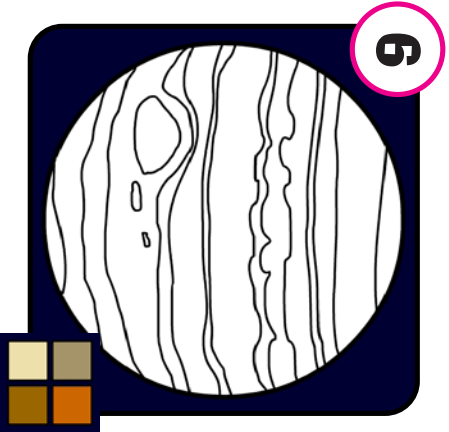
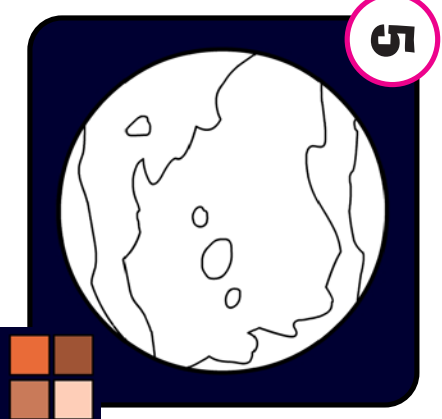
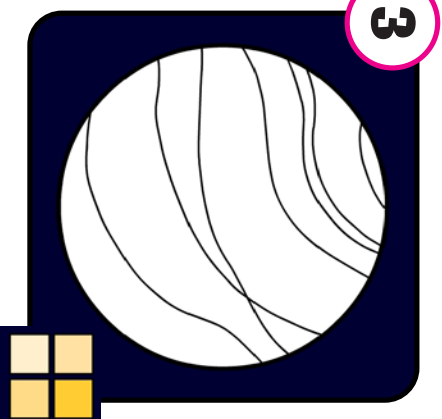
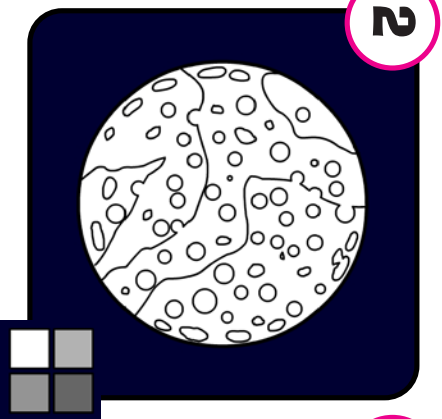
Colour and name the main objects of the Solar System.

Use this mnemonic to help you get the order right:

My **V**ery **E**xcellent **M**ethod **J**ust **S**peeds **U**p **N**aming **P**lanets!

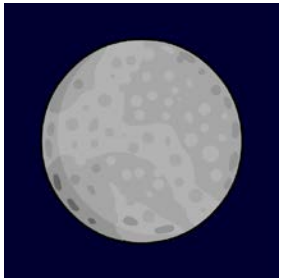


The sun



Planet facts

Can you match the planets to the facts?



Mercury

FACT



Jupiter

FACT



Venus

FACT



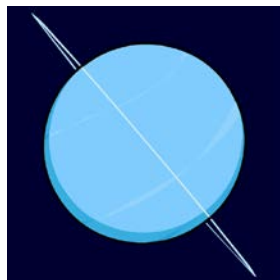
Saturn

FACT



Earth

FACT



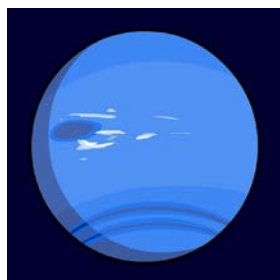
Uranus

FACT



Mars

FACT



Neptune

FACT

FACTS

1. This the biggest planet in the Solar System and has a giant red storm many times bigger than the Earth.
2. This planet is the furthest out from the sun - only Pluto and other smaller objects are further.
3. This large planet has distinctive beautiful rings and many moons around it.
4. This is the only planet in the Solar System that can support life.
5. This planet is clearly visible in the night sky as the brightest object after the moon.
6. This large gas giant has barely any features apart from some very faint rings.
7. This small planet is just a baked rock since it is so close to the sun.
8. This planet with frozen water at its poles is the planned destination for a manned mission.

New planet fact file

You have just discovered a new planet in a far away galaxy!
Create a fact file of your new planet.

YOUR PLANET'S NAME: _____



LOCATION:

DISTANCE FROM EARTH:

INTERESTING FACTS:

Moon and asteroid cookies

Makes about 12 cookies

Ingredients:



125g butter (softened) or margarine



75g caster sugar



200g self raising flour



1 egg



1 tsp vanilla extract



10g cocoa powder



50g white chocolate chips



50g sugar coated chocolates



Method:



1. Preheat your oven to 180 (fan 160) or gas mark 4 and line two baking trays with non-stick baking paper



2. In a clean bowl, add the sugar to the butter and cream together with a wooden spoon until light in colour and fluffy.



3. Beat in the egg and vanilla extract.



4. Sift in the flour and beat into the mixture.



5. Divide the mixture in half and put into two separate bowls.



6. To one half of the mixture, add the white chocolate chips and mix in well.



7. To the other half of the mixture, beat in the cocoa powder, then stir in the sugar coated chocolates until well mixed.



8. Drop rounded tablespoon sized dollops of the dough onto the baking sheets, shaping them into round discs and spacing well apart.



9. Bake until golden in colour which should be between 8 and 10 minutes.



10. Allow to cool slightly before transferring to a cooling rack.

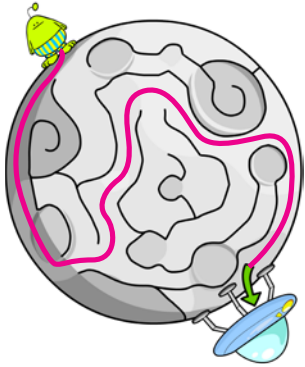
These are best eaten the day they are made, especially if they're still warm!

Always ask an adult for help when using the oven.

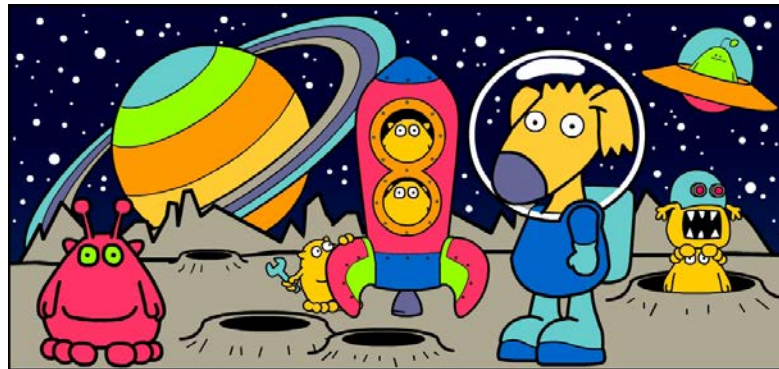
Busy Things

Answers

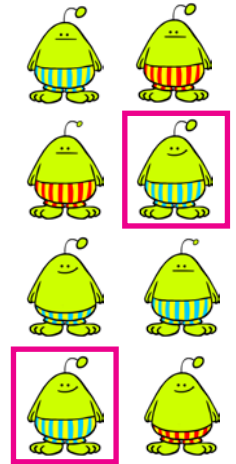
Moon maze



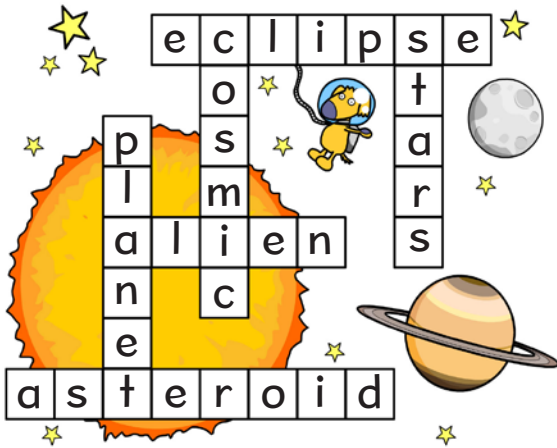
Paint-by-numbers



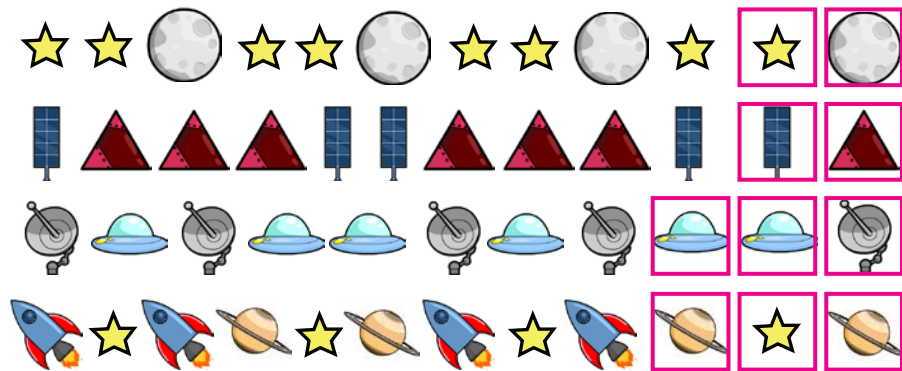
Alien twins



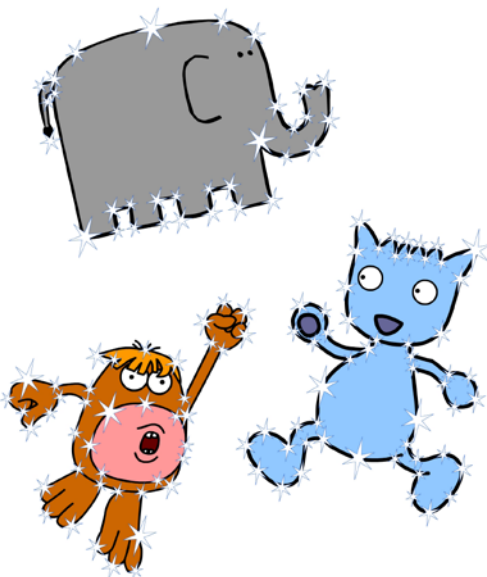
Jig-word



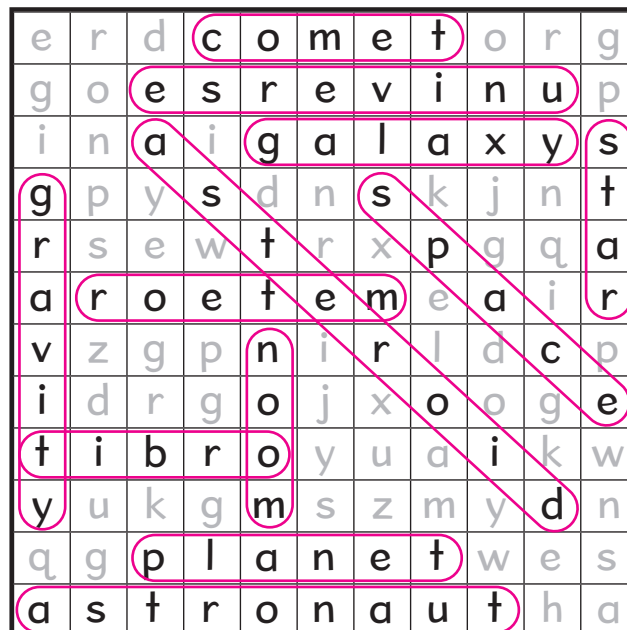
Sequences



Dot-to-dot



Wordsearch



Planet facts

- Mercury = 7
- Venus = 5
- Earth = 4
- Mars = 8
- Jupiter = 1
- Saturn = 3
- Uranus = 6
- Neptune = 2

Other space activity ideas...

Space themed snacks and meals

Rocket skewers – cut bananas, melon, strawberries etc. into discs and triangle shapes then layer them on a skewer to create rocket spaceships!

Planet pizzas – make pizza dough from scratch or use a wrap or pizza base then add your mushroom craters, grated cheese space dust, ham space rocks – anything can be intergalactic!

Space games

Asteroid toss – make asteroids from balls/potatoes/ anything roundish wrapped in foil. Or scrunched up paper. Cut holes in a cardboard box with different sized rings for different points and throw – highest score wins. You could also do this with bins at different distances or just markers on the ground.

Battle spaceships – use battle ships if you've got a real game or its very simple to make your own version on paper. Print a grid of squares and use rocket ships instead of battle ships.

Space Scavenger hunt ideas

Planet hunt – cut out planet shapes, hide them around the house or garden - when children find them they need to put them in order.

Find and communicate with alien life! – hide aliens around (kids could draw them first). On the back of each you can write a challenge of how to communicate with that alien – one might rub his tummy and pat his head another might hop while singing Twinkle Twinkle Little Star etc.

Moon rock hunt – make shiny rocks by wrapping objects in foil (plastic eggs from Easter could come in handy for this!). Write a word or letter on each one with permanent marker and hide them for children to find and make into a space related word or sentence.

Get your space groove on!

A moonwalk-off – who can do the best?

Move like an alien – turn the space-themed music up high and take in turns to make up an alien move.

Astronaut training – Astronauts need to be super fit! Create an obstacle course to get your bodies ready for space adventures. 10 x star jumps, create a moon rock slalom, 10 x squats to avoid the asteroid, hopscotch over the craters etc.

Make the whole day space-themed!

Bath time in space – think disco lights, glow sticks and bubbles! The usual bath toys have become spaceships and alien beings!

Stay up late for some stargazing – snuggle up for with blankets and hot chocolate (sprinkled with cream and space dust of course!) and look for star constellations. Or camp out in the garden.

Story time – choose a space-themed book.

TV time – watch the NASA international Space station.

Creative space play

Build a space station! – a cardboard box and toilet rolls covered in foil, add a few egg box buttons and milk bottle lid dials and you've got yourself a space station. Perfect for role play.

Paint marbled planets – float paint on water and lay on your circles of paper.

Paper plate planet art – paper plates are planets ready to decorate!

Toilet roll aliens – a bit of paint here, a few googly eyes there and finish off with some pipe cleaners!

Make moon sand – mix flour and baby oil to create mouldable sand.

Build a space den – always a winner! Add fairy lights for stars.

Space science

Constellation torches – get black paper discs cut to size to go over a torch. Use a skewer to create star pin holes in the shape of constellations. Turn the lights off and the stars on!

Galaxy jars – lots of tutorials on the internet but essentially water, paint, cotton balls and glitter in a jar. Mix them up and watch the galaxy unfold.

Shadow drawings – do shadow drawings throughout a day to show how the earth moves.

Balloon rockets – you'll need a piece of string, a straw and a balloon – thread the straw on the string. Tie the string up so you have a launch strip. Blow the balloon up but don't tie it. Sellotape the balloon to the string, let go and blast off!

Busy Things includes lot of space activities – create planet fact files, make a spaceship and interactive worksheets to order the planets.

Finally,

make an **Astronaut certificate** to congratulate your little space cadets for completing all your intergalactic adventures!