

OUT OF THIS WORLD

SPACE FUN TIME!

A galaxy of great things to do...

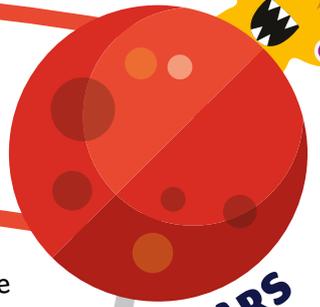
SUN FACT

Did you know light from the Sun takes 8 minutes and 20 seconds to get to Earth? How long does it take you have your breakfast in the morning?



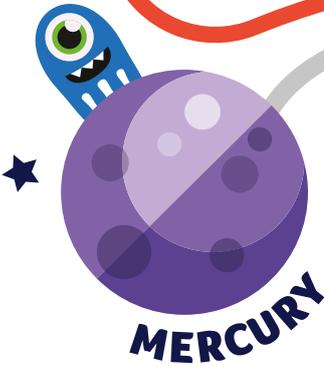
LOST IN SPACE

HELP THE LOST ROCKET FIND IT'S WAY TO MARS



MARS

The red planet has a mountain called 'Olympus Mons' which is three times higher than Mount Everest!



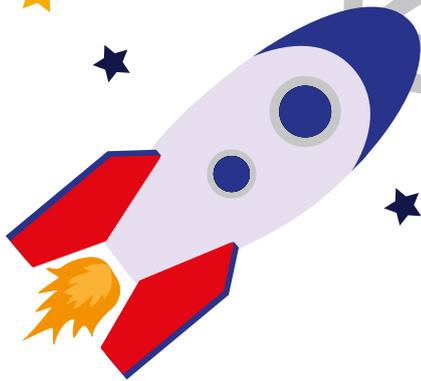
MERCURY

The solar systems smallest rocky planet, and the nearest planet to the sun.



SATURN

Famous for it's beautiful rings. The rings are made from ice and rocks.



JUPITER

The biggest planet. You couldn't walk on Jupiter because it's not solid, it's made of gas.

JOKE ALERT!

What songs do planets sing?

NEP-TUNES!



How do you get a baby astronaut to sleep?

YOU ROCKET!

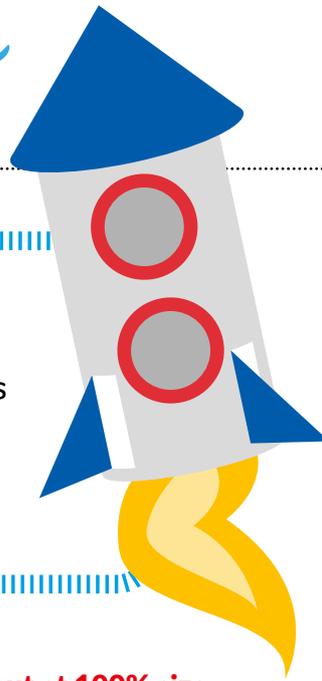
SPOT THE ALIENS

There are naughty aliens are hiding everywhere! See if you can find them and count how many there are? The answer is on page 6.

Build your own SPACE ROCKET!

EST. 1865

TRUTEX
MADE TO LAST SCHOOLWEAR



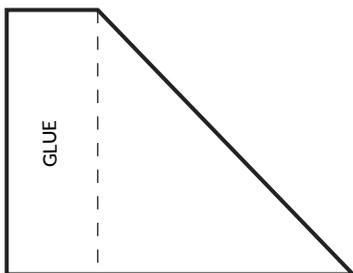
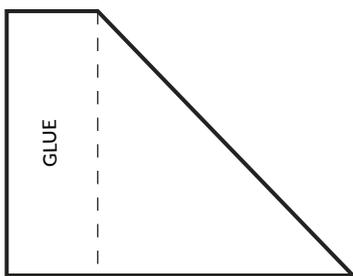
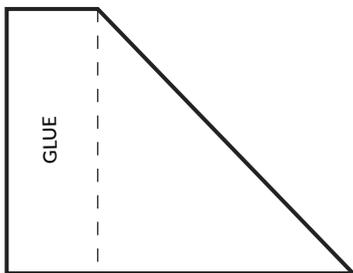
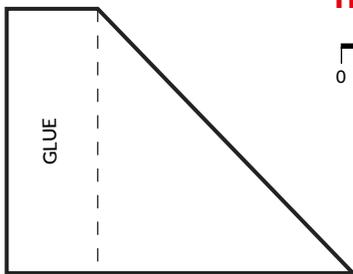
You will need:

- Paper toilet roll
- Poster paints
- Printer
- Scissors
- Felt tips
- Glue

Here's how to make it:

- 1 Get your paper toilet roll and paint it all in the colour of your choice and leave it to dry.
- 2 Click on this template and print it out
- 3 Colour in the pieces on your printed template using felt tip pens. Be creative and design some space logos if you like!
- 4 Cut out all the pieces on the printed template.
- 5 Take the triangle rocket jets and colour them in on the other side.
- 6 Next fold tabs on the dotted lines and stick using the glue to the bottom of the rocket. The four fins need to be evenly spaced around the bottom of the rocket
- 7 Next stick the two windows to the rocket body.
- 8 Now, cut out the cone top (circular shape) – put glue on glue the tab. Bend it round so it forms a cone and stick.
- 9 Put glue around the top of the rocket body and firmly put the cone on the top. Give it an hour or so to dry. Now your rocket is ready to launch into space.

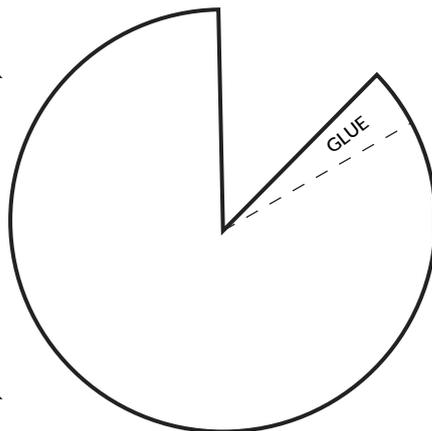
FOUR FINs



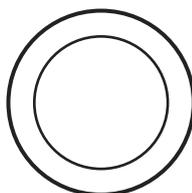
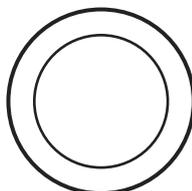
Check this is printed out at 100% size.
This ruler should be 5cm long.



CONE



TWO WINDOWS

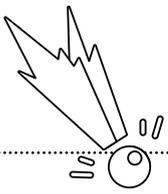


Want to have rocket flames?

Tear some red and yellow tissue paper up & stick to the inside of the rocket end!

Colour in the pieces using felt tip pens - don't forget to colour both sides of the fins. Then cut them out ready to stick onto the rocket body.

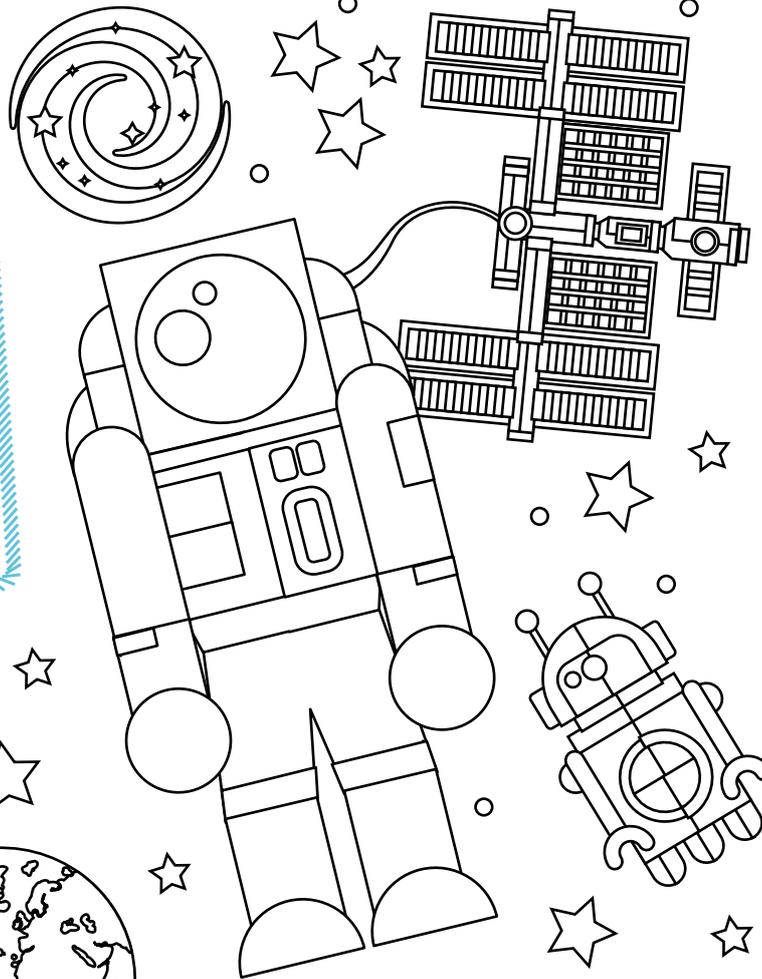
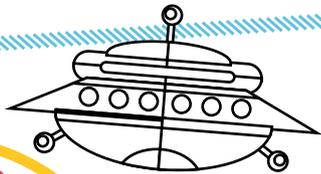




Colouring in SPACE FUN!

DO A SPACE WALK

Astronauts sometimes have to leave their space craft to fix broken equipment. Imagine the wonderful things they would see in outer space. *Time to get out your felt tip pens and give this space scene some colour!*



STARS FACT

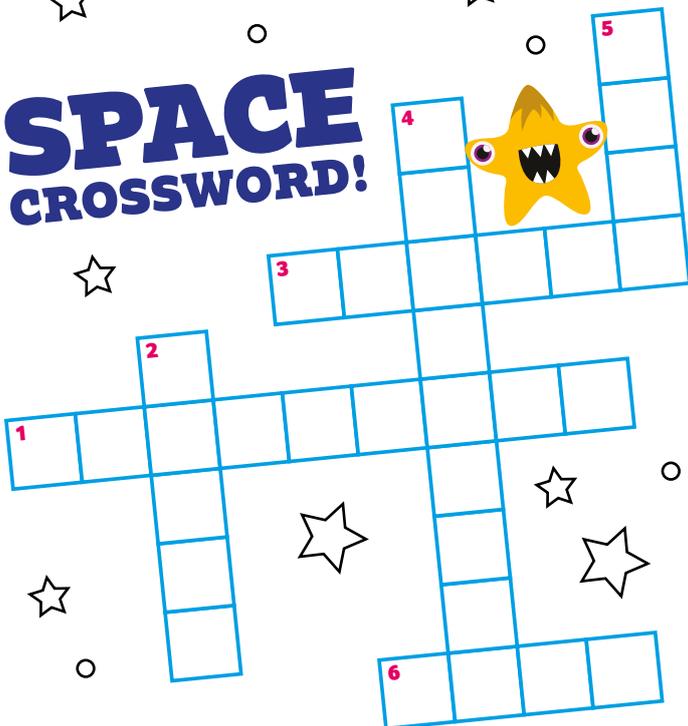
Did you know there are more stars in the whole universe, than ALL the grains of sand on Earth? Can you imagine a billion trillion stars?



Colouring by:

Age:

SPACE CROSSWORD!



ACROSS

- See stars appear bigger when you put your eye to its lens
- This planet has famous rings around it's middle
- It twinkles in the night sky

DOWN

- Little green man
- A man from earth that goes into space
- A big ball of rock in space that man has landed on

BLACK HOLES FACT

Everything (even light) that gets too close to a black hole gets sucked in and can never escape. Don't worry, our planet is a very long way away from any black holes!



Don't forget to share your colouring in!

SPACE FACTS!



TIM PEAKE

BRITISH ASTRONAUT

Tim Peake is the first British Astronaut to live and work at the International Space Station.

Born: 7th April 1972 in Chichester

Family: Tim is married with one son

Hobbies: Skiing, scuba diving, cross country running and reading

TIM'S PRINCIPIA MISSION BADGE

The BBC's Blue Peter asked school children to design a mission logo for Tim. The winning logo was created by a 13-year-old called Troy. He drew the apple because Sir Isaac Newton first discovered gravity when an apple fell on his head. Tim Peake is promoting healthy eating as part of his mission and apples are healthy.

Can you see the shine on the apple? It's the same shape as the International Space Station!



FACT FILE

5 FACTS YOU DIDN'T KNOW ABOUT TIM PEAKE

- 1 When Tim was 16 he wanted to be an Army Pilot and trained with the Royal Air Force.
- 2 Tim became the senior test pilot for the United States of America Army and has flown for over 3000 hours in lots of different helicopters and aeroplanes.
- 3 In May 2009, Tim was selected as a European Space Agency astronaut.
- 4 Tim had to do lots of astronaut training – including learning to speak Russian and how to move in a space suit deep underwater.
- 5 He rocketed up to the International Space Station in December 2015 and will live and work there for over 170 days!



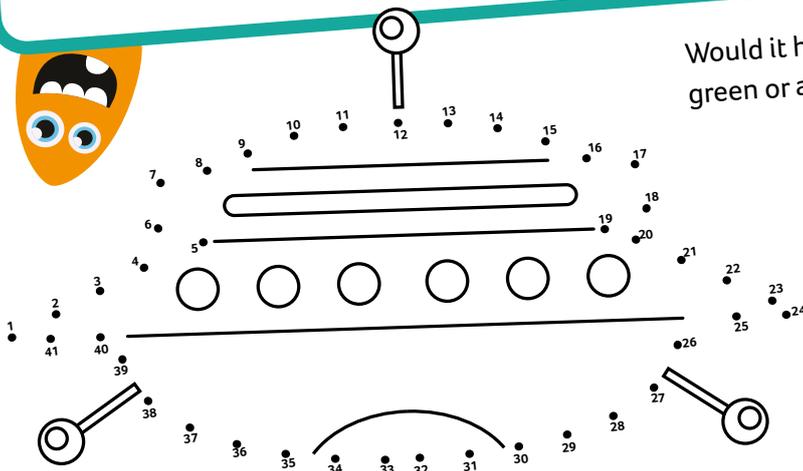
TIM'S SPACE WALK

After just one month in space, Tim did his first space walk. He helped to replace a broken part that makes the solar power work. He was outside the International Space Station for almost 5 hours!

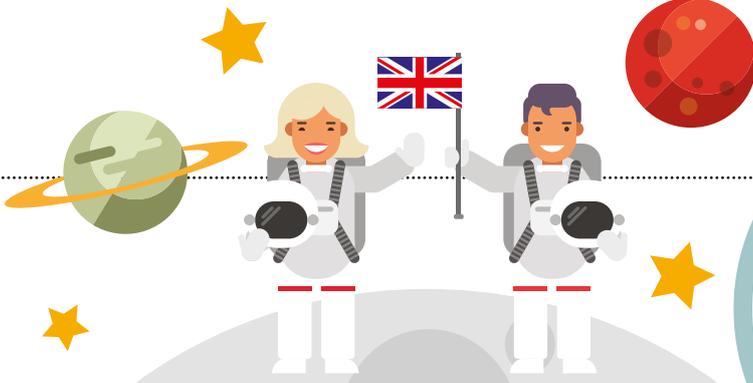
What would an alien look like?

Draw your alien here

Would it have one eye, or thousands of eyes! Would it be green or a rainbow of colours, you decide!



What would your alien travel in? Join the dots to make their space craft.



DO YOU WANT TO BE AN ASTRONAUT?

Many men & women have become astronauts.
But what does it take to become one and leave earth & float in space?

BE HEALTHY

You have to be very fit as training and space flights are very tiring.



GOOD AT GETTING ON WITH PEOPLE

Because astronauts spend a long time in space together, they have to be very good at getting along with each other.

WORK HARD AT SCHOOL

If you really want to become an astronaut, it takes many years of study and work even before you do any astronaut training. Most people become astronauts when they are between 27 and 37 years old!

BRAINS!

You need to be very clever, go to university and study engineering, medicine or science. Many like Tim Peake learn to be pilots for an air force.

SPEAK RUSSIAN?

Astronauts have to be able to speak English AND Russian so they can talk to their colleague Cosmonauts - that's what Russian Astronauts are called.

STILL WANT TO BE AN ASTRONAUT?

Maybe one day you will!
See you in Space.



JOKE ALERT!

When is the moon heaviest?
WHEN IT'S FULL!

WHAT'S THE PLANET?

UR _ _ _

S _ T _ _

P _ _ O

J _ P _ _ _

N _ T _ _

V _ _ S

E _ _ _

M _ _ _

MER _ _ Y

Put your knowledge to the test. Do you know the names of the planets in our solar system? Just to help, we've given you a few letters to get you started.

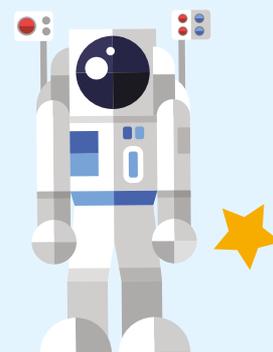


Yummy SPACE FOOD



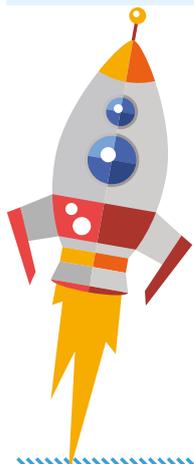
THE GREAT ASTRONAUT BAKE OFF

Make these spacetastic MOON ROCKS



YOU WILL NEED:

- 250g milk chocolate
- 4 cups of chocolate rice crispies
- 200g white chocolate chips
- 2 cups of mini marshmallows
- A little bit of vegetable or olive oil
- 12 paper bun cases



HOW TO MAKE MOON ROCKS



- 1 Break up the cooking chocolate into small chunks and ask a grown up to help melt it. Microwave* the chocolate on high for 2 minutes stirring every 30 seconds. Be very careful as it will be very hot! Stir until it is smooth and fully melted. Allow to cool a little.
*900-watt microwave. Timings may vary.
- 2 Put the Chocolate Rice Crispies, marshmallows and the white chocolate drops in a bowl. Pour on the melted chocolate and stir slowly & carefully until it covers all the ingredients.
- 3 Now for the messy bit! Put a little vegetable or olive oil on your hands and take a handful of your mixture and roll into a ball and then place into a paper bun case. Repeat to fill all your bun cases!
- 4 When you have finished, put all bun cases on a plate and put in the fridge. Leave for 2 hours or more until all the chocolate is rock hard.
- 5 Take out of the fridge and enjoy your Moon Rocks!

HOW MANY ALIENS DID YOU SPOT?

On all six pages of this space activity pack, there are 20 aliens!
Did you find them all?



THIS SUPER FUN ACTIVITY PACK IS BROUGHT TO YOU BY: