What's in space?

Learn more about **What's in space** with these fascinating facts!



Planets are large round objects which move around stars in orbits

Earth



Mars



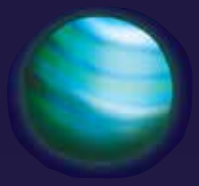
Jupiter



Saturn



Uranus



Comet



Comets are pieces of rock, ice and dust. Sometimes, if you are lucky, you can see them with your own eyes in our night sky.

International Space Station

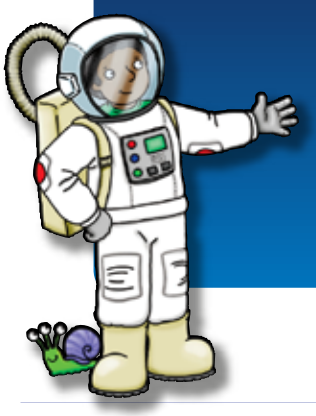


The International Space Station orbits the Earth exploring space. It was built by 16 different nations. Can you imagine being one of the astronauts on board? What do you think you might see?

Planetary Rover



A rover is a robotic vehicle which explores space by travelling on the surface of a planet.
Why don't you try to make your own rover from cardboard boxes and paper?



© 2016 Orchard Toys Ltd

Cardboard Tube Rocket

You will need:

Long cardboard tube

Silver foil

Tissue paper

Brightly coloured card

Brightly coloured paint

PVA glue

Scissors

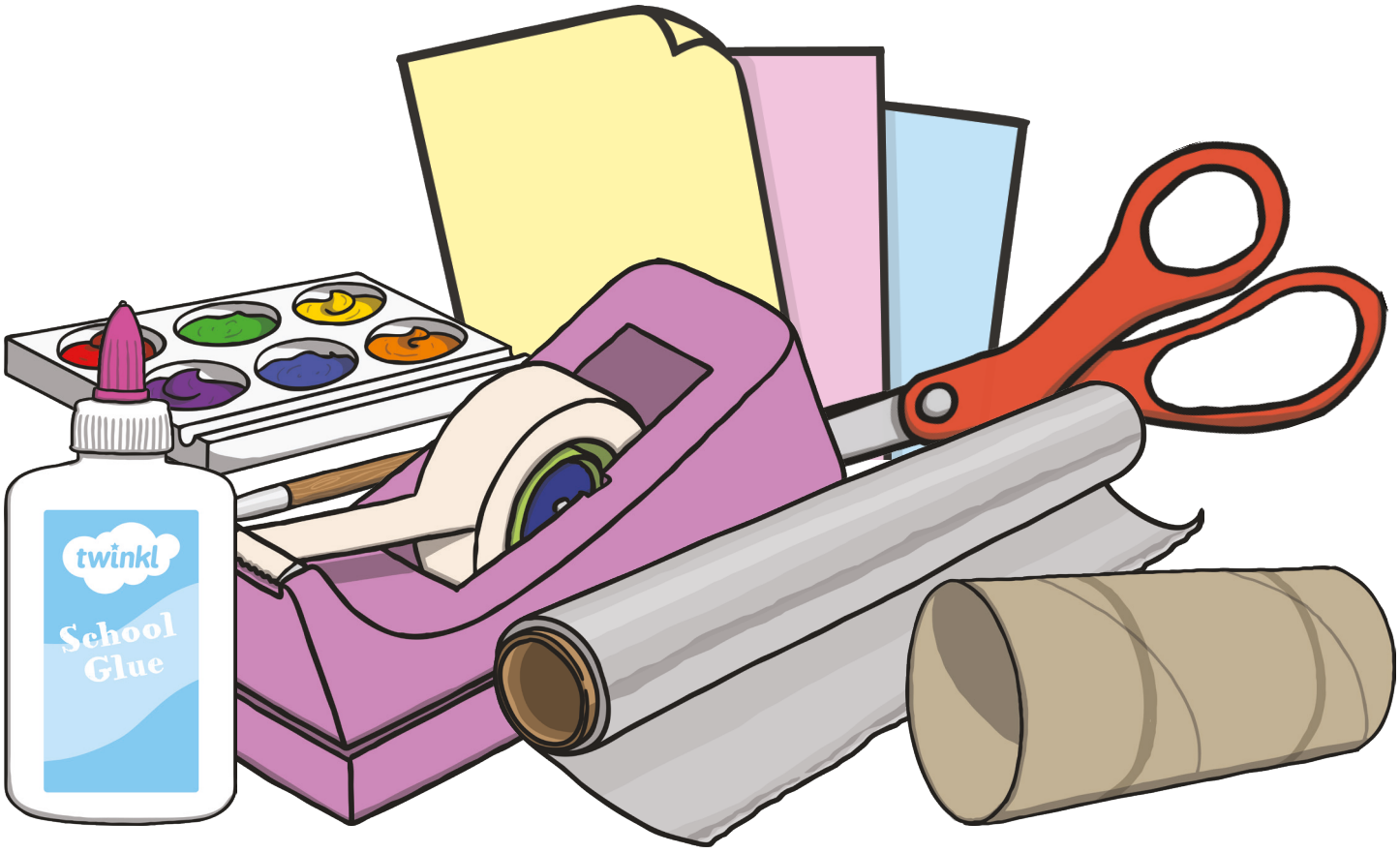
Sticky tape



Instructions

1. First paint the cardboard tube in a bright colour, then leave to dry.
2. For the top of the rocket, choose a different coloured card. Then draw around a small circular object, such as a cup, onto this.
3. Cut out the circle. Then also cut out a line going from the outside to the centre of the circle, stopping once you reach the middle.
4. Roll the circle into a cone shape, then secure using sticky tape.
5. Stick two pieces of tape on the inside of the cone. Then stick the cone onto the top of the cardboard tube.
6. Now make some windows for the rocket using silver foil. To do this, draw around a small circular object onto the foil three times.
7. Next cut out the circles in silver foil and stick then onto the rocket using PVA glue.
8. For the flame, take some pieces of tissue paper and place them onto of each other in layers.

9. Pick up the layers of tissue paper and cut the strips vertically into them, ensuring the cuts do not go right to the top.
10. Finally, gather the sheets of tissue paper at the top, then secure and strengthen this by sticking tape around it.
11. Using sticky tape to attach the flame to the bottom of the rocket.



visit twinkl.com

THANKS FOR NOT PRINTING THIS PAGE!



Simply print from page 2 in your printing options, to avoid wasted paper and ink.

To find out more visit www.twinkl.co.uk/eco



Thanks for downloading and welcome to the twinkl family!

Scan QR Code

How to change the print size of this resource

- In your PDF reader, click the 'File' menu
- Select 'Print'
- Click the box next to 'Print Scaling' and select 'Multiple Pages Per Sheet'
- You will now have various options, which will enable you to print several pages on just one sheet of paper.

A brief word about copyright...

By downloading this resource, you agree to the following:



You may use this resource for personal and/or classroom use only. We're more than happy for you to keep your own backup copy though.

In order to support us, we ask that you always acknowledge www.twinkl.co.uk as the source of the resource. If you love these resources, why not let others know about twinkl?

You must not reproduce or share this resource with others in any form. They are more than welcome to download the resource directly from us.



You must not host or in any other way share our resources directly with others, without our prior written permission.

We also ask that this product is not used for commercial purposes and also that you do not alter the digital versions of our products in any way.

We hope you enjoy the resource and we'll see you very soon! x



© twinkl ltd

Make Your Own Space Rocket



You will need:
Glue
Scissors
Ruler

1. Cut around all the parts of the rocket being careful around the small tabs.

2. Make the body of the rocket into a cylinder and glue the tab in place. Hold together while the glue dries.

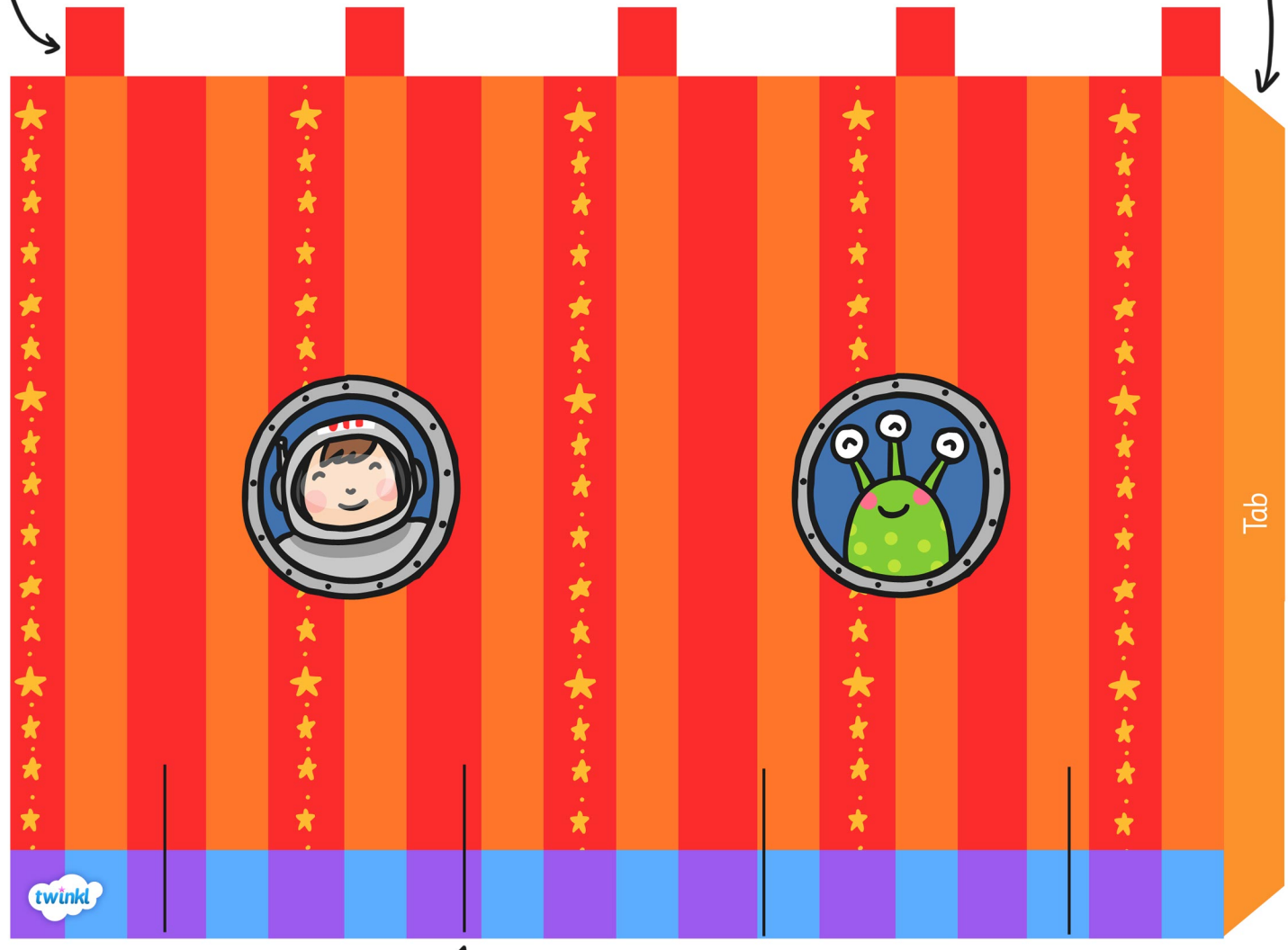
3. Glue the nose cone to the body using a ruler to push the tabs in place.

4. Fold down the small tabs on the body and glue them to the nose cone.

5. Fold the feet on the dotted line and slot the into the cuts at the bottom of the rocket

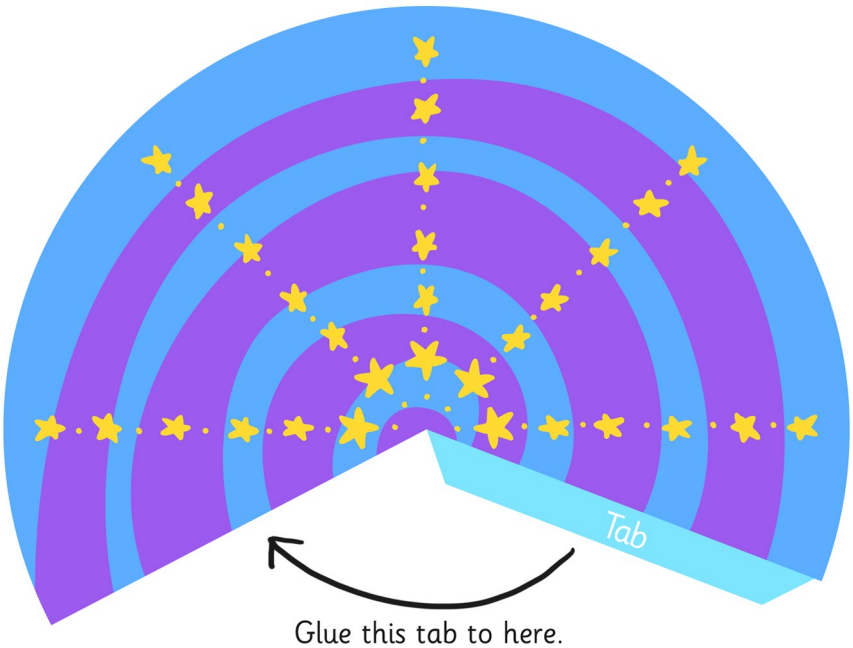
Fold and glue these tabs to the cone.

Curl the body of the rocket round and glue this tab to hold in place.

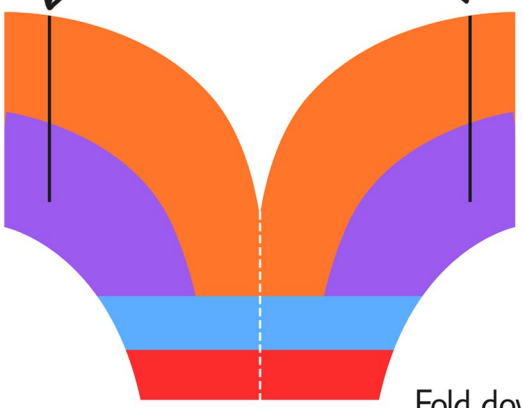


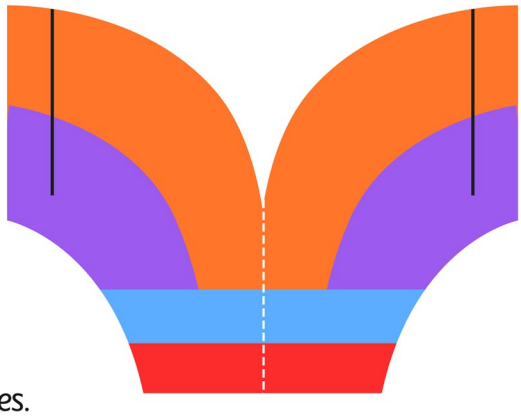
Cut down these black lines.

www.twinkl.co.uk
Copyright © 2012 twinkl

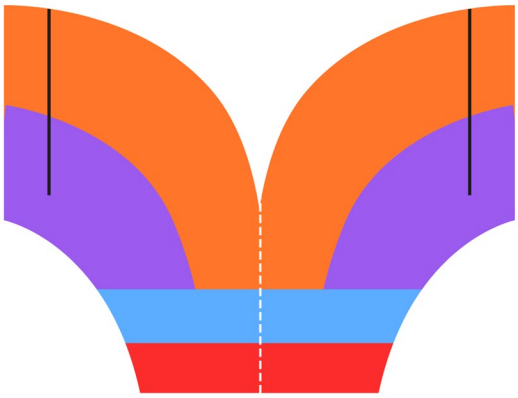


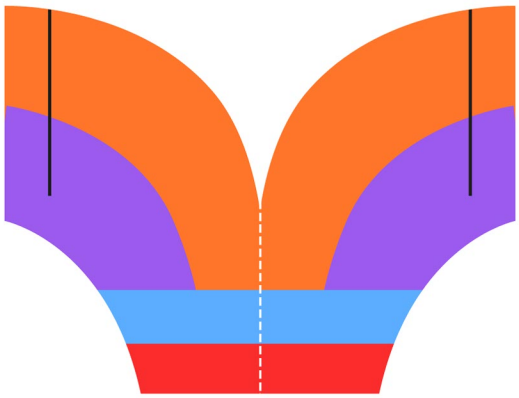
Cut down these black lines.





Fold down these dotted lines.





www.twinkl.co.uk
Copyright © 2012 twinkl

Hand and Foot Print Aliens



You will need:

- Paper
- Pipe cleaners
- PVA glue
- Googly eyes
- Buttons
- Paint brush
- Scissors
- Bottle tops
- Foil
- Fine liner pen
- Selection of brightly coloured paints



First, print a hand or footprint onto the paper. To do this, use a paint brush to cover the hand/foot in paint, then carefully print onto the paper.



Repeat step one, using different coloured paints, for however many aliens you would like to create.



Now decorate the hand/footprints to transform them into aliens! Start by using PVA glue to stick on googly eyes.



You may also want to give the aliens some antenna. To do this cut some pieces of pipe cleaner and stick them on using PVA glue.



You could also use bottle tops and pom-poms to decorate the aliens. To do this stick them on with PVA or other strong glue.



You may also want to add some shiny areas by cutting out and sticking on foil.



Use a fine liner pen to add details such as smiles to the aliens faces.

Kitchen Roll Rocket

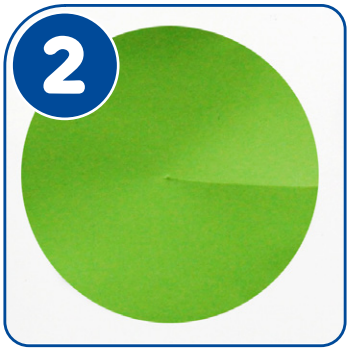
Get ready for blast off with this kitchen roll rocket! Get creative with glue, paper and an empty kitchen roll tube and make your own rocket to go exploring the universe.

You will need:

- Empty kitchen roll tube
- Coloured paper
- Sticky tape
- Black felt tipped pen
- Pencil
- Glue
- Scissors



Cut a strip of coloured paper to fit around the tube. Add glue to one side then wrap the paper around the tube.



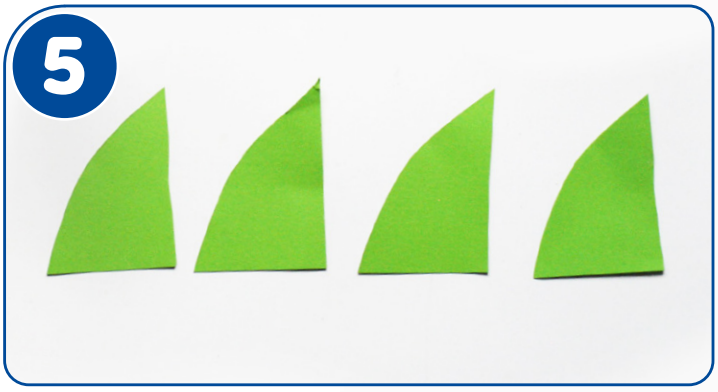
Cut out a circle and add a slit to the centre. Curve the paper around itself to form a nose cone and stick it on the top of the tube.



Use strips of paper to decorate the sides of your rocket.



Use discs of coloured paper for the windows. Draw on the details with a pen.



Cut out paper fins and slot them into cuts at the bottom of the tube. Add sticky tape on the inside of the tube to hold them in place. You're now ready for the big countdown!

Imagine all the places your rocket is going to visit. Will it go to Mars or the Moon? What kind of creatures will you meet on your travels?

© 2016 Orchard Toys Ltd

www.orchardtoys.com Tel: 01953 859520

Paper Plate Flying Saucer



You will need:

- 2 paper bowls
- Paper cup
- PVA glue
- Pipe cleaners
- Scissors
- Silver foil
- Pom-poms
- Green, black, yellow and red paint
- Stick on jewels or sequins



Turn both paper bowls upside bown, then choose a paint colour and paint the bottom and rim of each bowl, then leave to dry.



Use a different colour to paint the sides of the bowl, then leave to dry.



Trim the bottom off the paper cup, then thinly cover in PVA glue.



Cover the cup bottom in silver foil, then leave to dry.



Using PVA glue, stick the cup bottom on to the middle of one paper bowl, then leave to dry.



Next, spread PVA glue around the inside edge of one of the paper bowls. Then join the two bowls together, pressing firmly around the edge of them, before leaving to dry.



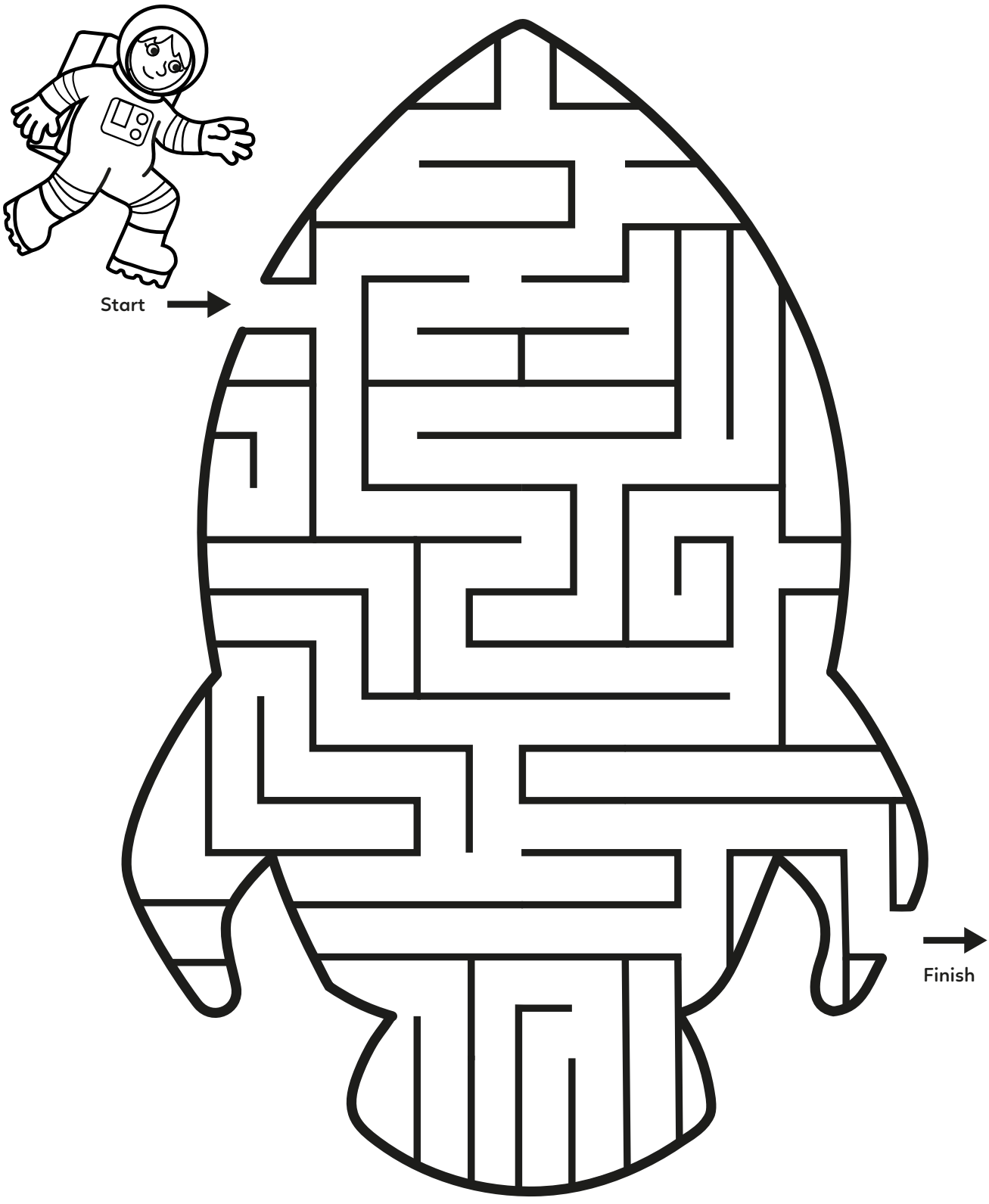
Where the cup joins the paper bowl, run a line of glue. Then bend a pipe cleaner around and twist the ends together so it sits snugly at the join.



Decorate the flying saucer by sticking jewels or sequins around the outside edge of the top paper bowl.

Rocket Maze

The rocket needs checking over. Can you find a clear path through the maze for the astronaut?



Follow us:

© 2020 Orchard Toys Ltd

#LoveOrchardToys

www.orchardtoys.com

Space Themed Printing Picture

You will need:

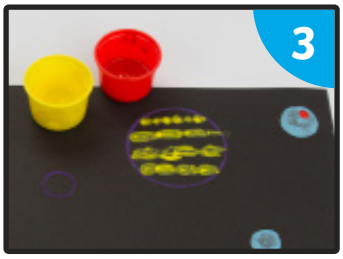
- Selection of paper cups, card board tubes and bottle tops
- Trays of paint in a variety of colours including metallic
- Gold and silver glitter
- A3 black paper
- Glue stick
- Coloured paper



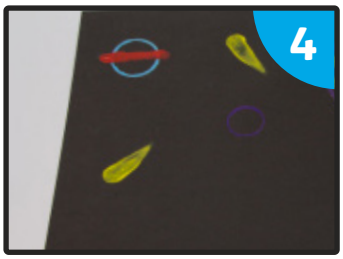
Place the black paper landscape. To print a planet take one of the circular objects and place it into the paint, rim down. Then print onto the paper; leaving a ring shape like the outline of a planet.



Repeat step 1 with different sized circles and different coloured paints, then leave to dry.



Add features to the inside of the planets using fingers dipped in paint, for example a red thumb print for Jupiter's spot, or the side of a little finger to make stripes for Saturn.



Now add shooting stars to the picture! To do this, dip your thumb into metallic paint, then print onto the paper, dragging the thumb off to leave a trail behind.



Use a glue stick to add glitter to stars tails or the rings of planets, then leave to dry.



To make the large planet at the bottom, first draw a curved line onto a piece of card and cut out. Then cover this by sticking on torn pieces of sugar paper. Finally cut along the curve again, then glue to the finished planet onto the picture.

Thanks for not printing this page!

Simply print from page 2 in your printing options to avoid wasted paper & ink!



...your first choice for easy to use, trusted and high quality teaching materials for educators and parents worldwide - professionally crafted materials with a personal touch.

A brief word about copyright...

By downloading this resource, you agree to the following:

You may use this resource for personal and/or classroom use only.

In order to support us, we ask that you always acknowledge www.twinkl.co.uk as the source of the resource. **If you love these resources, why not let others know about Twinkl?**

You must not reproduce or share this resource with others in any form. They are more than welcome to download the resource directly from us.

You must not host or in any other way share our resources directly with others, without our prior written permission.

We also ask that this product is not used for commercial purposes and also that you do not alter the digital versions of our products in any way.

Thank you for downloading!

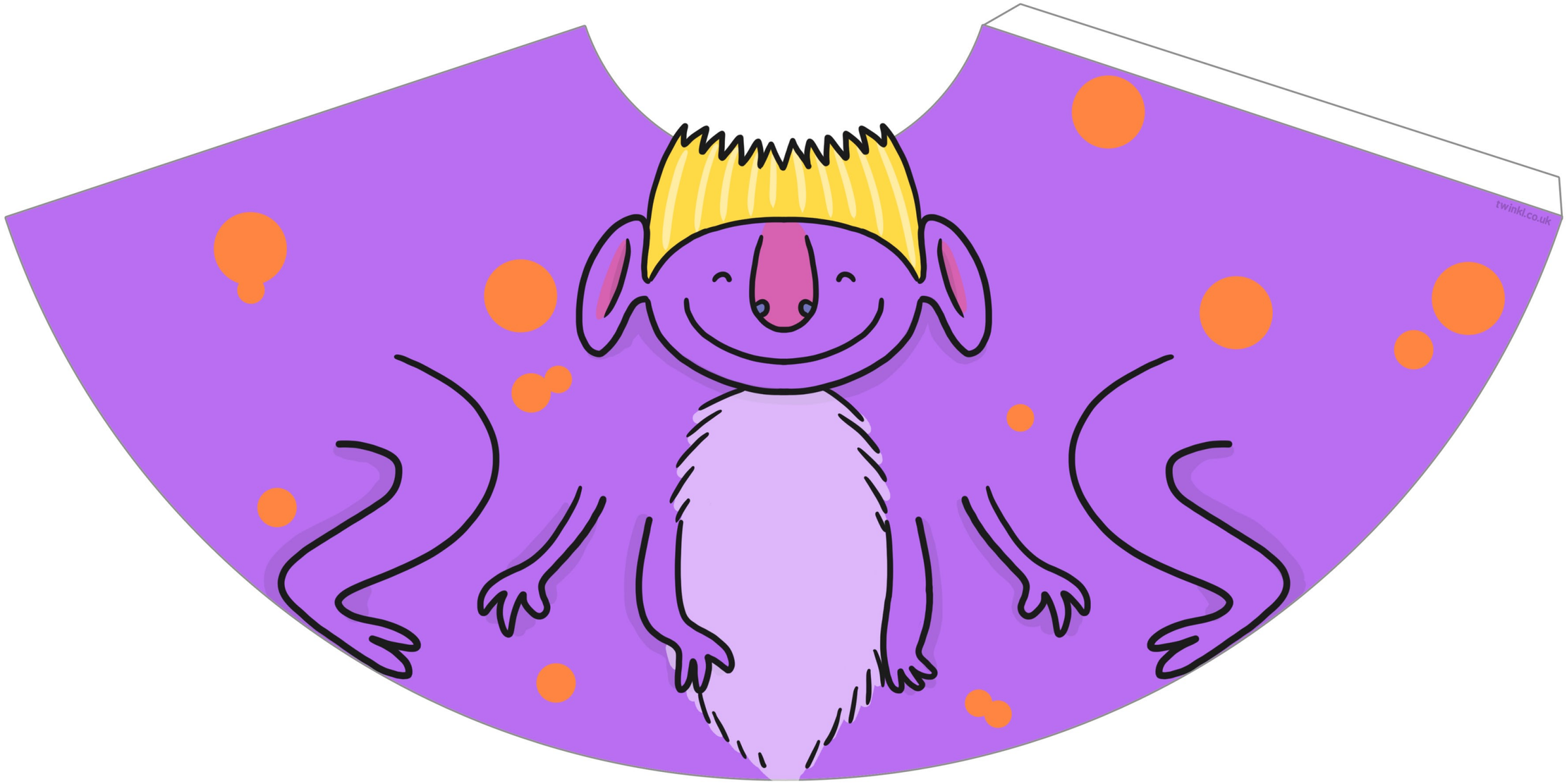
We hope you enjoy the resource and we'll see you very soon!



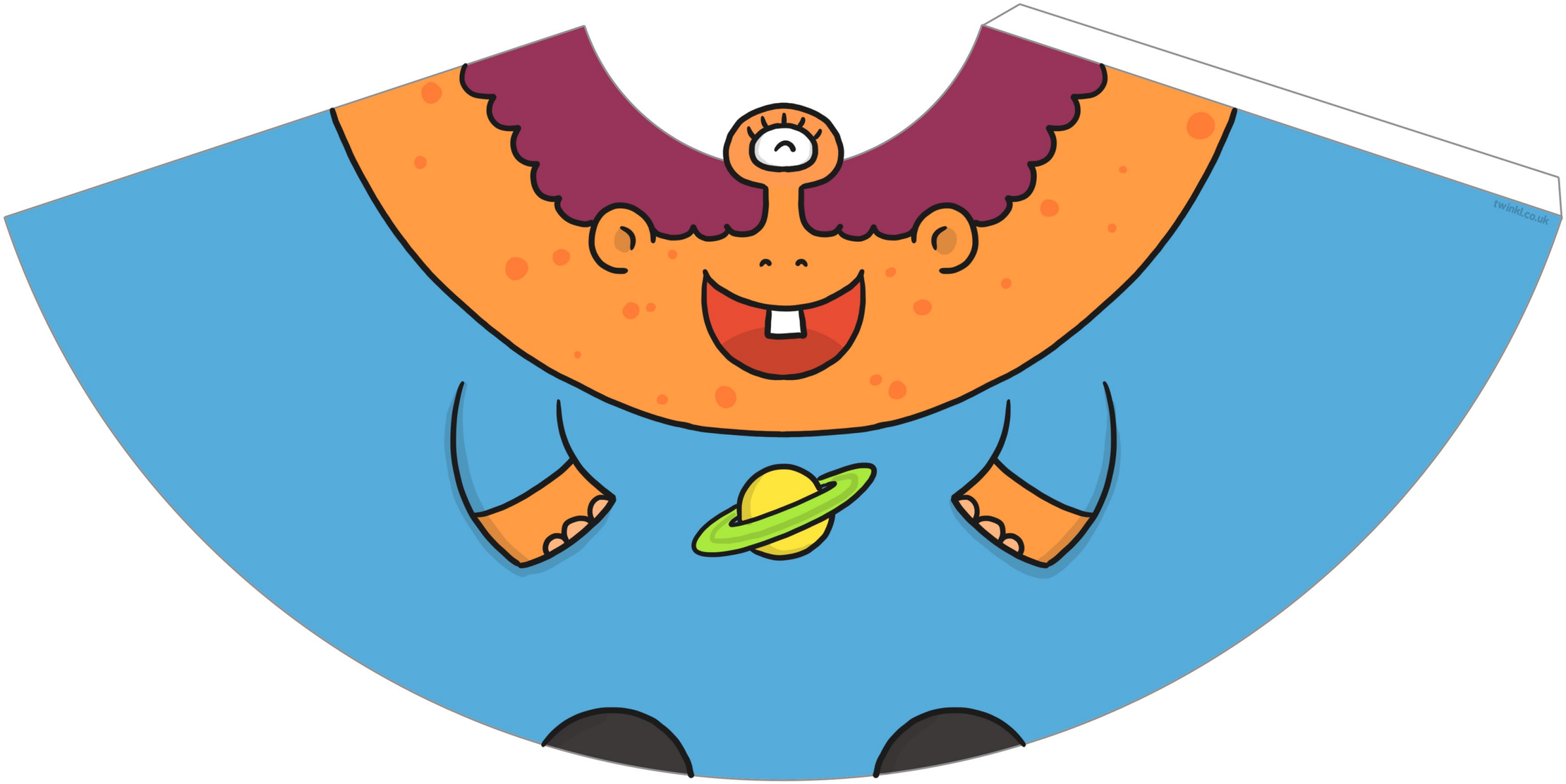
Did you know we also have twinkl Premium for schools?

Email sales@twinkl.co.uk for more information.

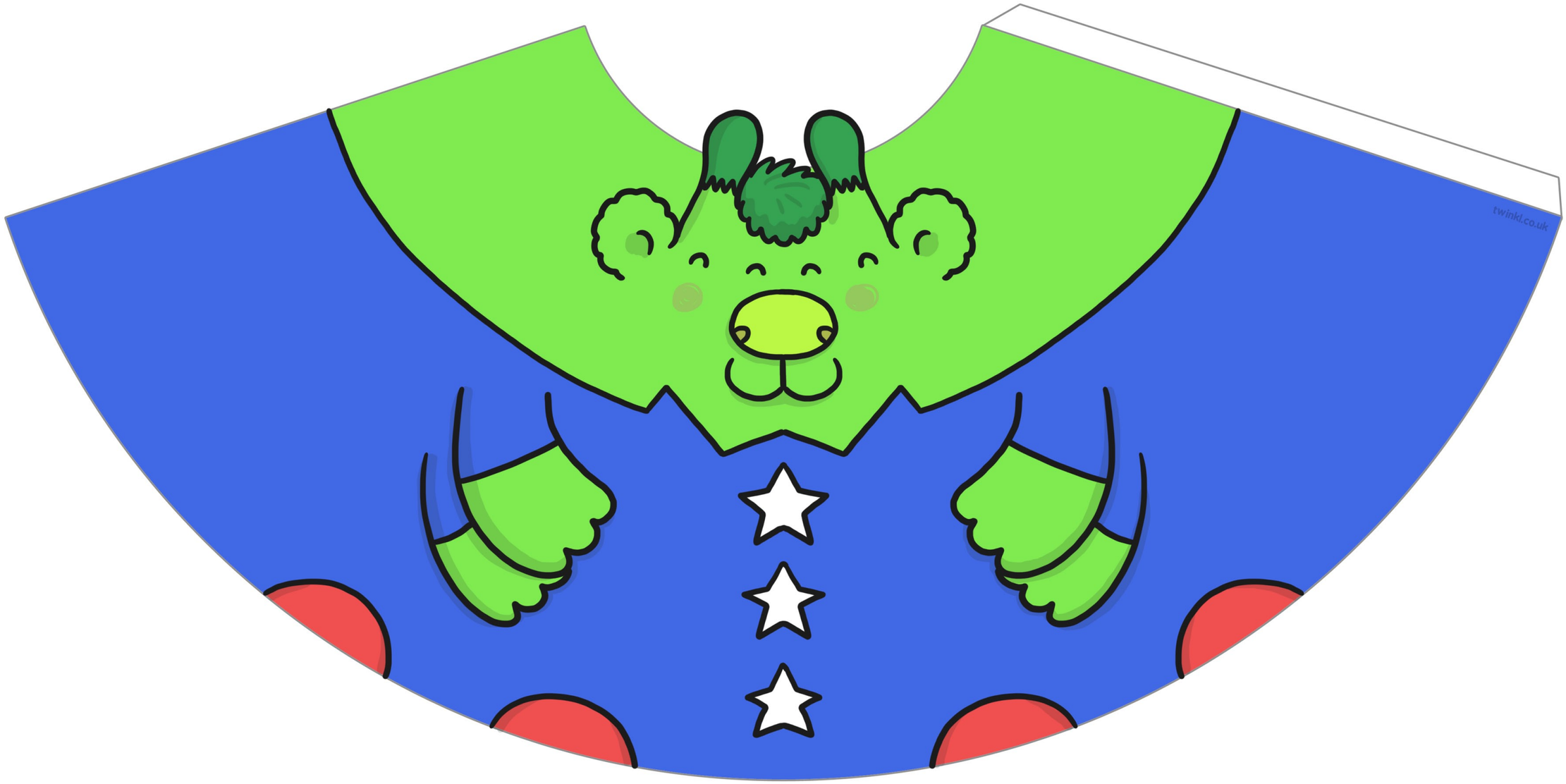
Space Cone Characters



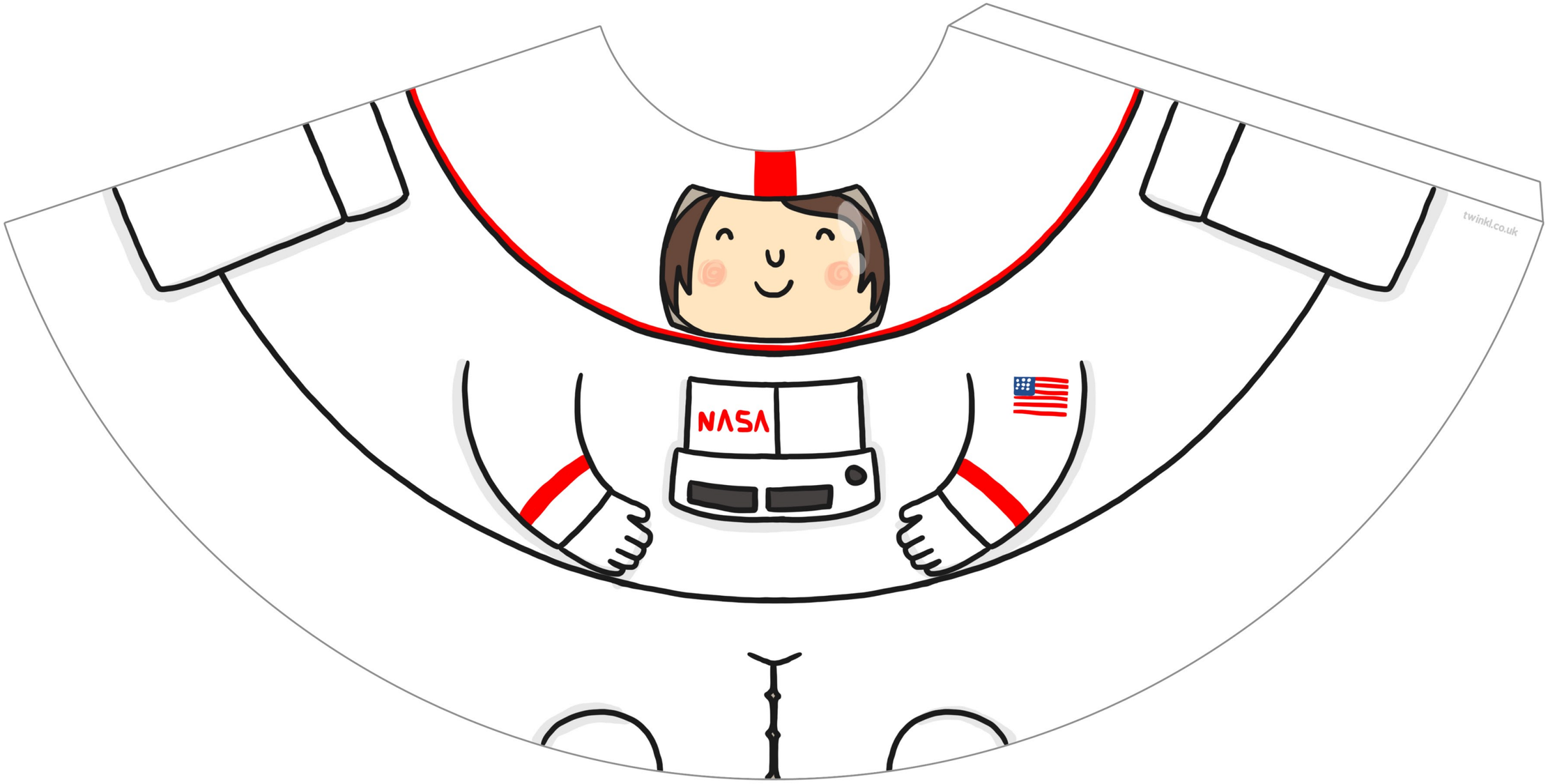
Space Cone Characters



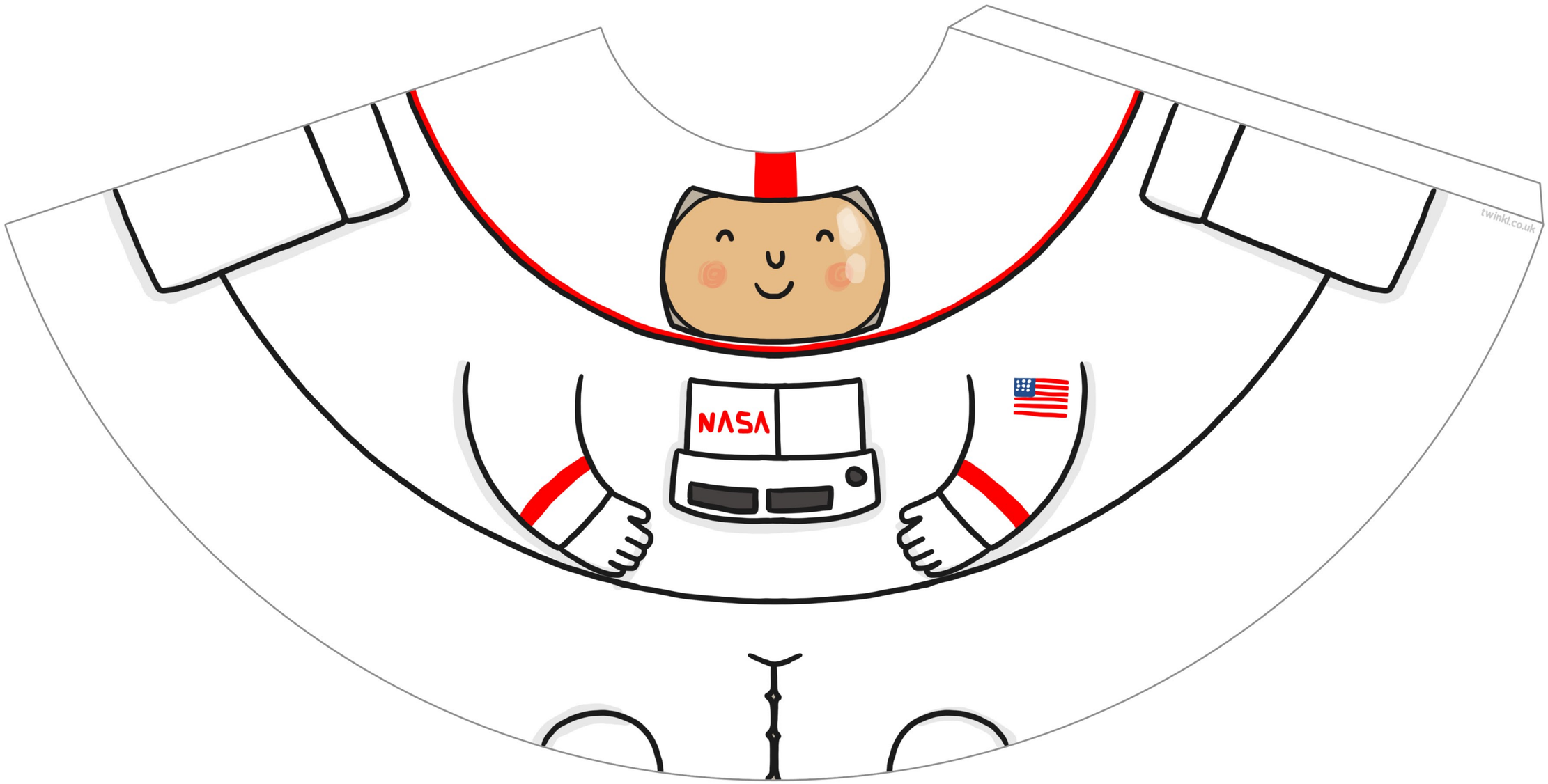
Space Cone Characters



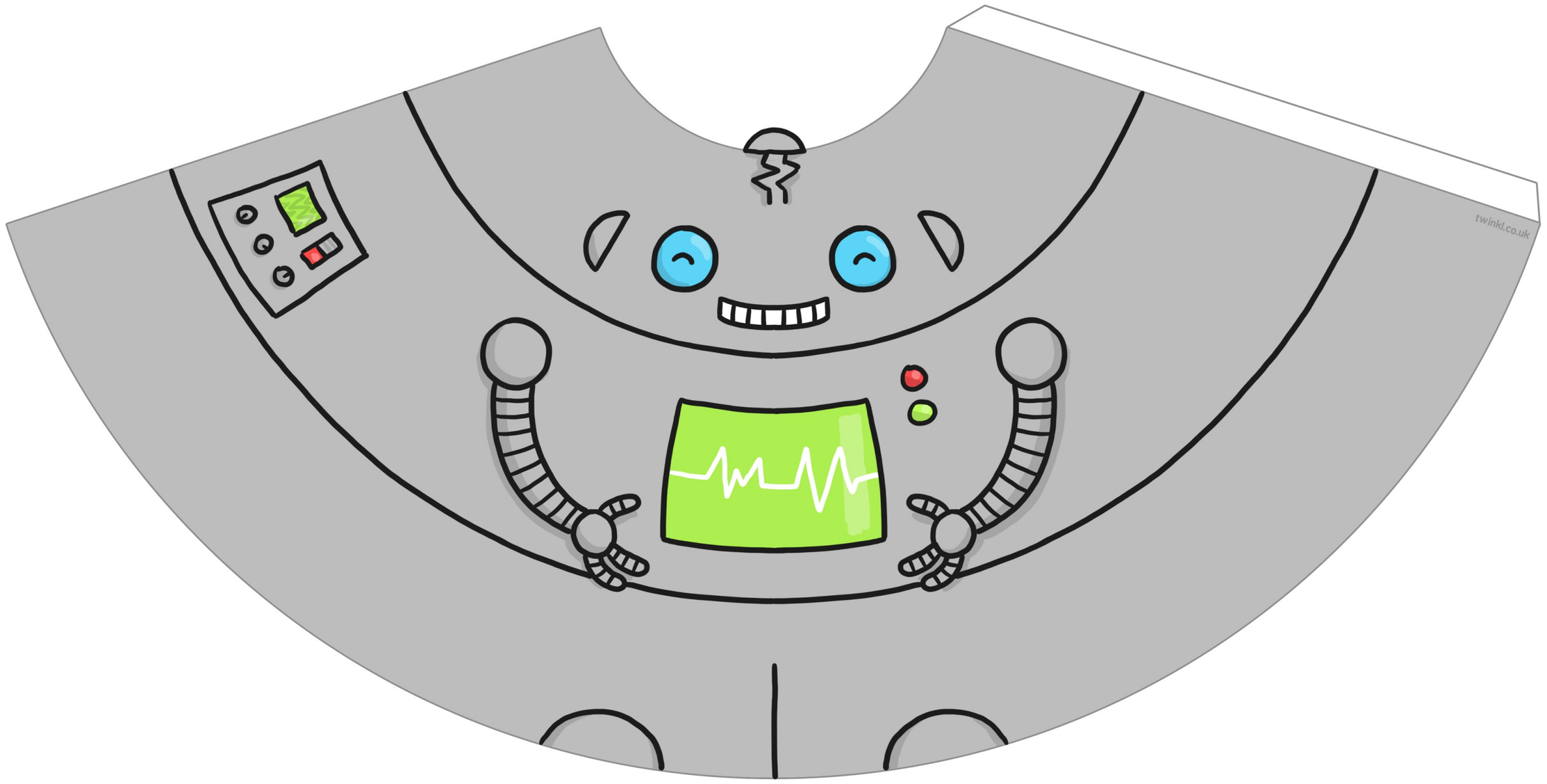
Space Cone Characters



Space Cone Characters

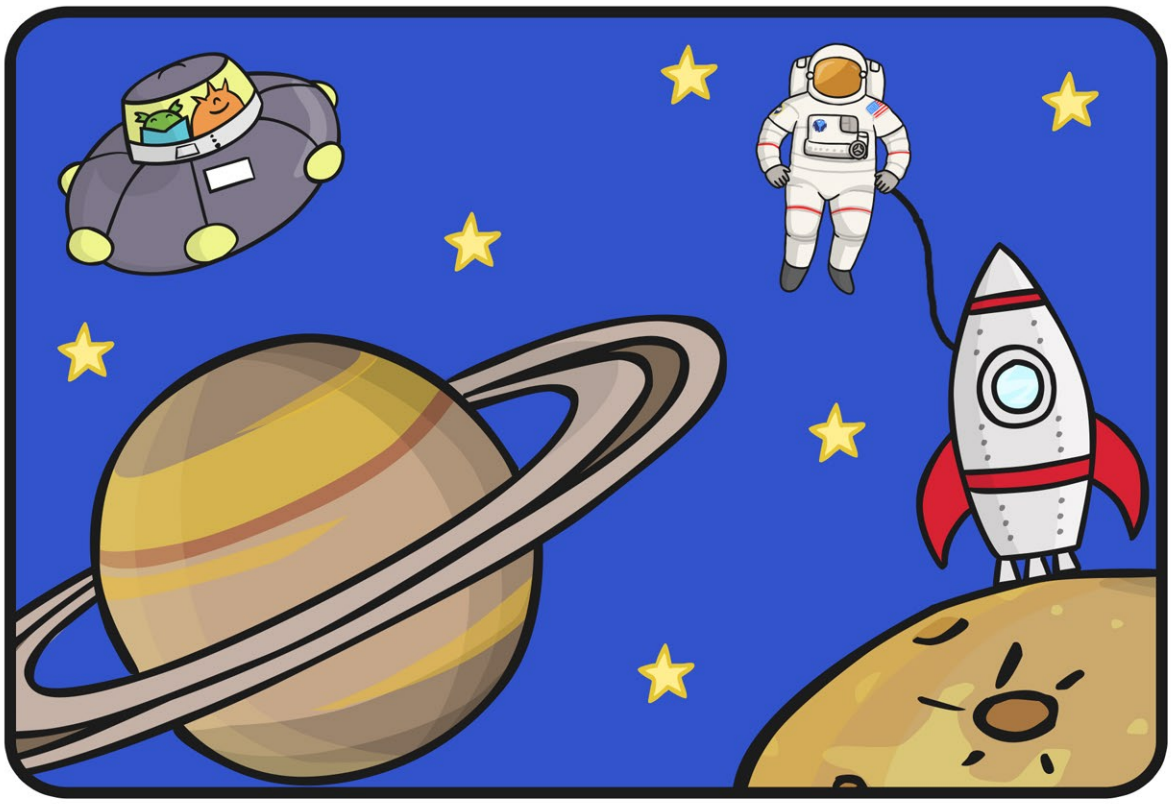


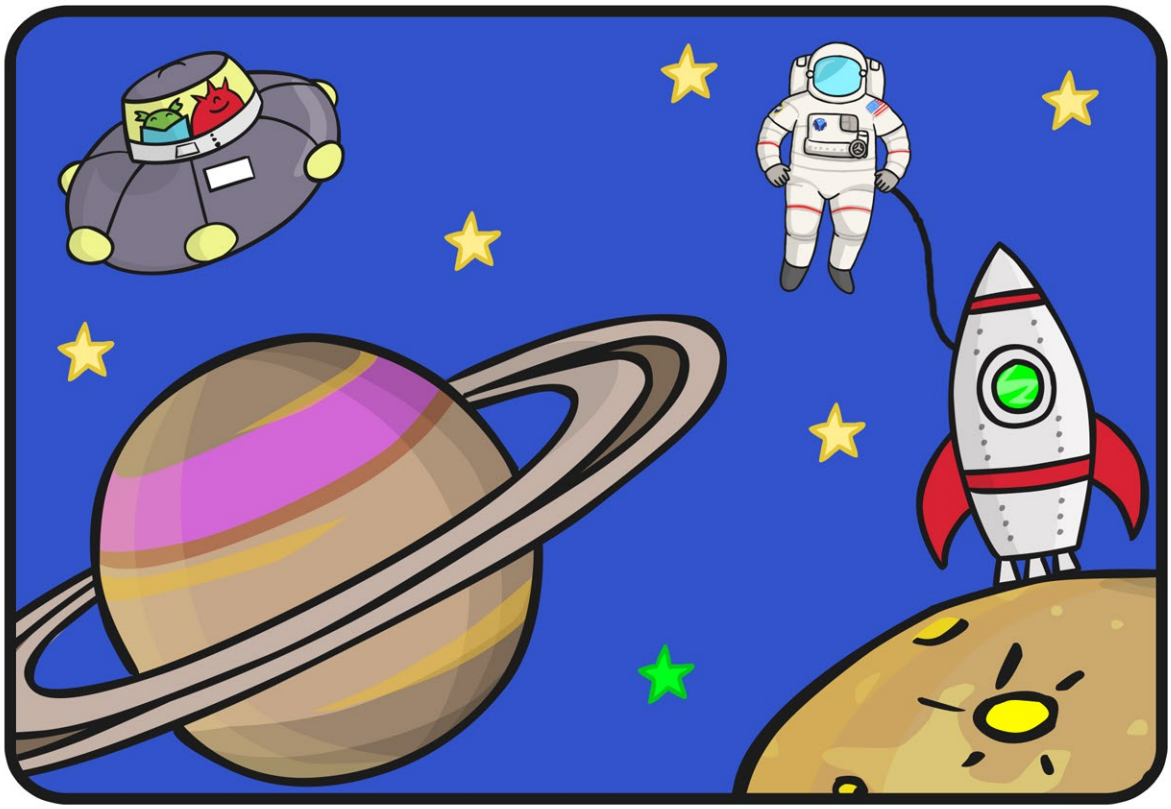
Space Cone Characters



Spot The Difference

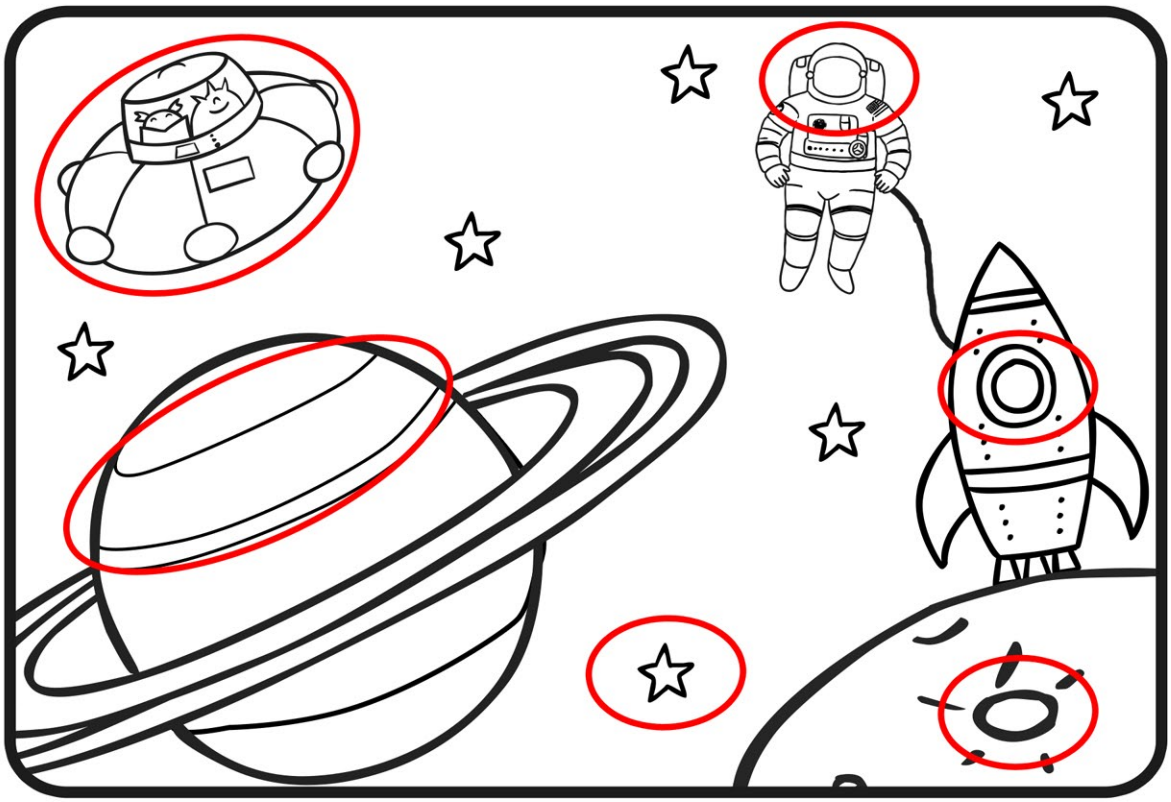
There are 6 differences in the pictures below, can you find them?





Spot The Difference

Answer sheet



Shape Space Rocket

Get creative with shapes and create a cosmic Space Rocket picture!

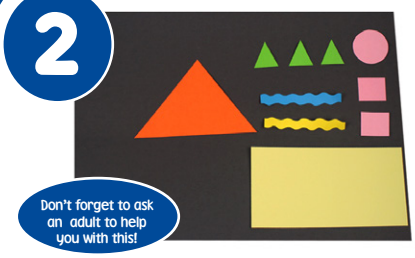
You will need: • Coloured paper • Black card • Glue • Scissors • Glitter pens • An adult to help you

1



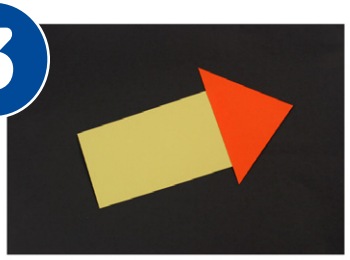
Get an A3 piece of black card and some coloured paper.

2



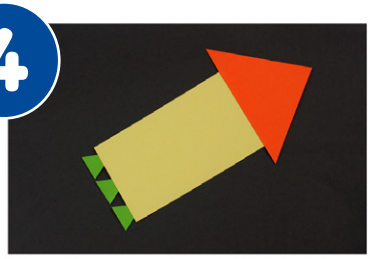
Carefully use the scissors to cut shapes from the coloured paper. You will need to cut 1 rectangle, 1 big triangle, 3 small triangles, 2 squiggly strips, 1 circle and 2 small squares.

3



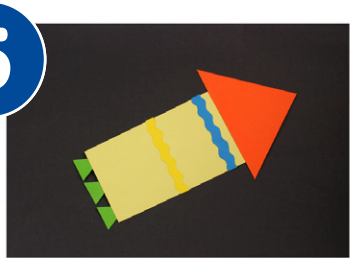
Stick the big triangle and the rectangle onto the black paper to create the basic shape of your rocket.

4



Then glue the 3 small triangles to the bottom of the rectangle to create the engines.

5



Add the squiggly strips to your rocket for decoration.

6



Then stick the small squares and the small circle on the rectangle for windows.

7

Blast off!



Finally, use a glitter pen to decorate your night sky with twinkling stars and you are ready to go on a cosmic adventure. Blast off!



© 2016 Orchard Toys Ltd

www.orchardtoys.com Tel: 01953 859520

Spaceship Porthole

You will need:

- 2 paper plates
- Silver foil
- Scissors
- PVA glue
- Pencil
- Pipe cleaners
- Black paint
- Hole punch
- Coloured paper
- Wool or ribbon





Paint the front of one paper plate black and leave to dry.



Cut out the centre circle from the second paper plate, this should leave you with a ring shape.



Begin to wrap strips of silver foil over the ring, folding each piece over the edges and scrunching it behind as you go.



Continue to do this until the ring is completely covered in silver foil.



Now create some space themed objects for your porthole! Using scissors, cut them out and use PVA glue to stick them towards the middle of the black plate.



Cut and bend pipe cleaners to form rings around planets and arms or antenna for the aliens, then stick on using PVA glue.



Spread PVA glue around the underside of the silver ring, then stick this down onto the black paper plate and firmly press them together. Then leave to dry.



Using the hole punch, make a hole through the top of the porthole. Then thread some wool or ribbon through and tie in a loop to hang the porthole from.

Spaceship Porthole

You will need:

- 2 paper plates
- Silver foil
- Scissors
- PVA glue
- Pencil
- Pipe cleaners
- Black paint
- Hole punch
- Coloured paper
- Wool or ribbon







Step 1

Paint the front of one paper plate black and leave to dry.



Step 2

Cut out the centre circle from the second paper plate, this should leave you with a ring shape.



Step 3

Begin to wrap strips of silver foil over the ring, folding each piece over the edges and scrunching it behind as you go.



Step 4

Continue to do this until the ring is completely covered in silver foil.



Step 5

Now create some space themed objects for your porthole! Using scissors, cut them out and use PVA glue to stick them towards the middle of the black plate.



Step 6

Cut and bend pipe cleaners to form rings around planets and arms or antenna for the aliens, then stick on using PVA glue.



Step 7

Spread PVA glue around the underside of the silver ring, then stick this down onto the black paper plate and firmly press them together. Then leave to dry.



Step 8

Using the hole punch, make a hole through the top of the porthole. Then thread some wool or ribbon through and tie in a loop to hang the porthole from.

Split-pin Astronaut



