



Key Stage 1

Links with National Curriculum - xxx

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SUNSHINE STORY TIME TRAIL



Notes for Group Leaders:

- Once you and your group have found the story bag, take some time to look around the gallery and see what else you are able to find.
- The Trail is designed for children up to 6. If any of the information is too difficult then please feel free to leave it out.
- As an extension to the trail you can collect the letters on the back of the cards to spell out the magic words: Blast off. If you are unable to collect all the clues you can let the children know the words for the theatre show.
- The trail will help the children's numeracy, science and literacy skills.
- The trail does not have an order, you can start in any of the following galleries:
 - **Orbiting Earth**
 - **Exploring the Universe**
 - **The Planets**
 - **Into Space**
 - **Mezzanine deck of the tower**
- The Trail does not take you into the *Tranquillity base or the top of the tower, however the time in the galleries is your time to explore, so please feel free to visit these areas.
- Please take note of your Sunshine Show time and be at the theatre entrance with your group 5 minutes beforehand. The show will last approximately 20 minutes.
- Make sure that you collect your certificates and stickers for your group from your presenter. There will also be a bag of colouring sheets for you to collect and take away.

***In the tranquillity base there is a simulator ride, this does have a height restriction of 1m 20cm and is unsuitable for young children**

Images courtesy NASA © National Space Centre 2007

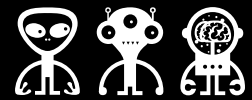
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SUNSHINE STORY TIME TRAIL



Space Treasure Hunt

Astronaut George is going on a fantastic journey.
He needs your help on his mission

You will need to go into the galleries to collect clues about his journey.

The galleries you will need to explore are called:

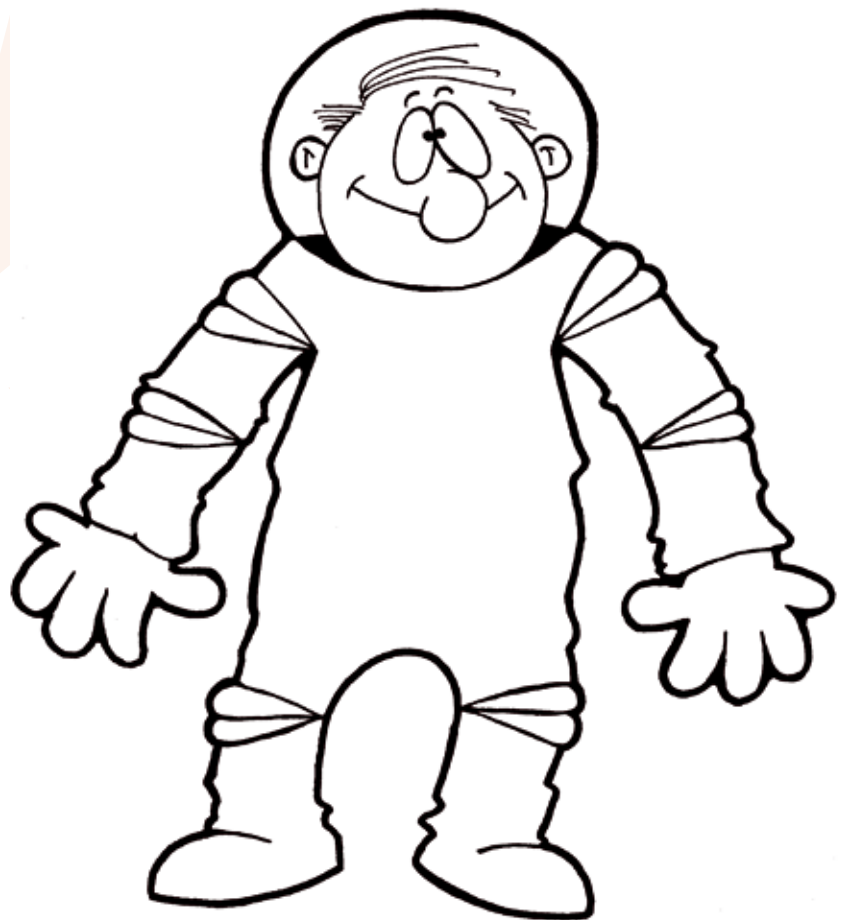
Into Space

Exploring the Universe

The Planets

Orbiting Earth

In each of the galleries you will need to find a story bag. Reach inside the bag to find out more about Astronaut George and his journey into space.



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Into Space Gallery

Can you find this object?



What is it? (Circle your answer)

- Toilet
- Sink
- Pencil case

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Have a look at the space food in the gallery:

Which is your favourite?

Be like Astronaut George and build your own rocket!
Find the rocket at the front of the gallery and try building it together in small groups.

Did you do it?

YES

NO



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Space Treasure Hunt

Look in the **Into Space Gallery**

Find the story bag and look inside.

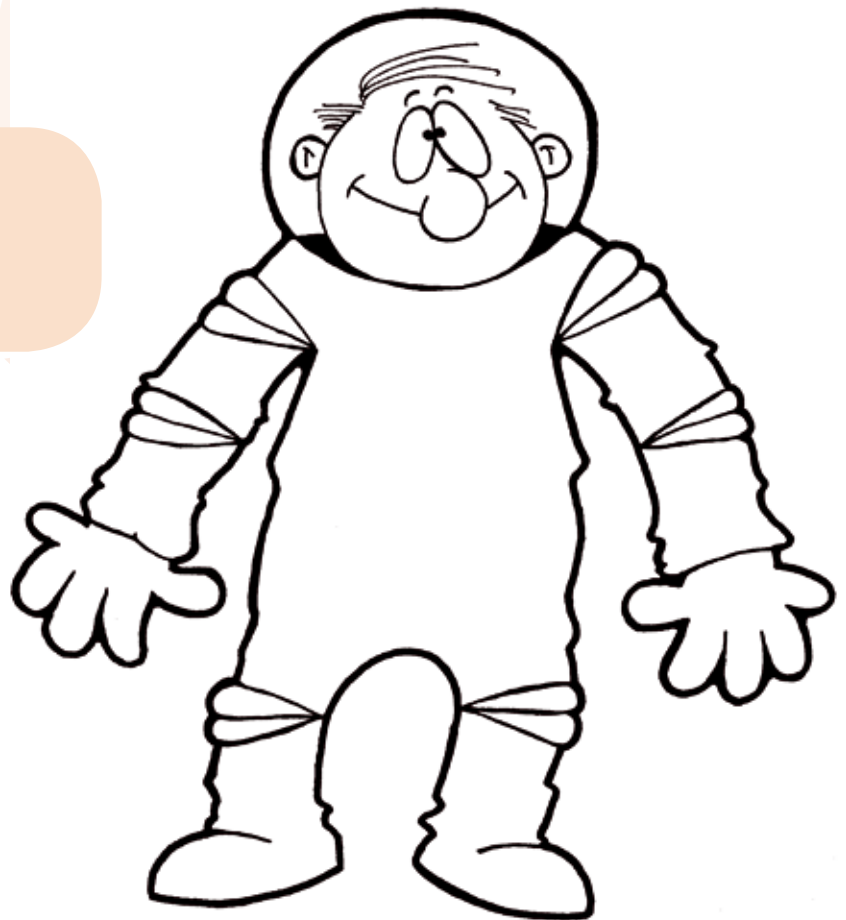
How does Astronaut George get into space?

Look at the pictures and pick the correct transport.

Answer:

The letters on the back of the card are:

(Only write down the letters on the back of the card you have chosen.)



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Exploring the Universe Gallery

Find the worm hole, try crawling through.

Did you do it?

YES

NO



Find the gravity well and push the ball around.

How many times did it go round before it disappeared?

YES

NO



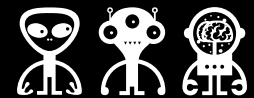
Have a look in the Stellarium, if you look closely you will see the stars are different colours.

What colours can you see?



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SUNSHINE STORY TIME TRAIL



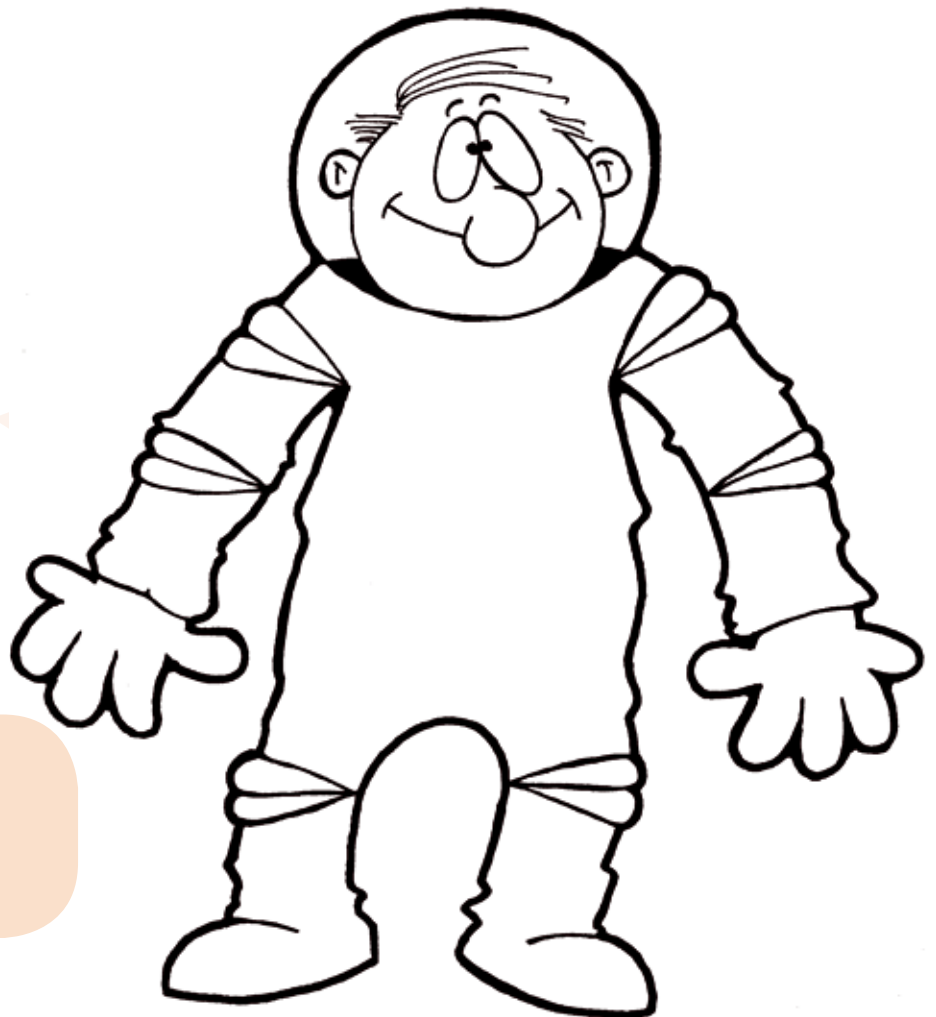
Space Treasure Hunt

Go to the **Exploring the Universe Gallery**.

Find the story bag.

Look inside the story bag and find Astronaut George's rocket pieces. Fit the rocket pieces together so that George is ready for launch!

Write down the letters from the very top of the rocket. (The nose cone)



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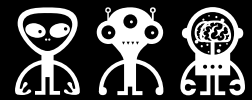
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The Planets Gallery

Note for group leader:

In the Planets galleries, the Sunshine show is being played in the under5's area behind the sun. All the children will be watching the show in the space theatre and it is better if it is a surprise.



Have a look at the planets.

If you were Astronaut George what planet would you visit next?

Draw a picture of your favourite planet.



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Try to count the different planets.

How many are there?

Note for leader:

Don't forget to look up as you travel through the planets gallery. Above you, you will see lots models of probes and satellites these would be sent into space on rockets to find out more information on what is in space.

Try the magic mirrors and see what happens when you look in them!



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Space Treasure Hunt

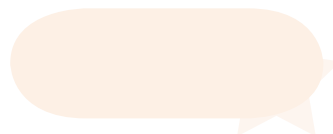
Go to the **Planets Gallery**

Find the story bag.

Arrange the letters in the story bag to make a well known word.

Clue:

Write down the letters on the back of the 1st card.



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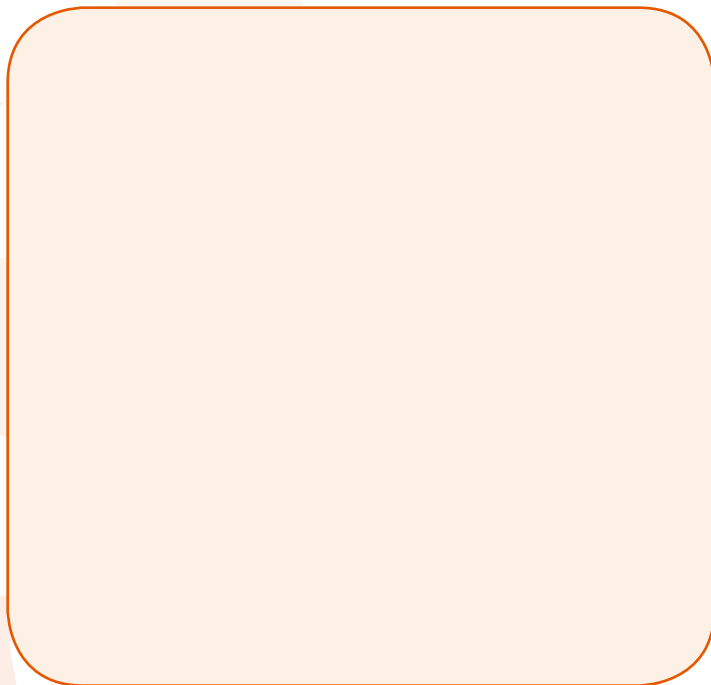
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Orbiting Earth Gallery.

Can you find the model of the Earth?

Draw a picture of it.



Can you find the wave wall?

What colours can you find on it?



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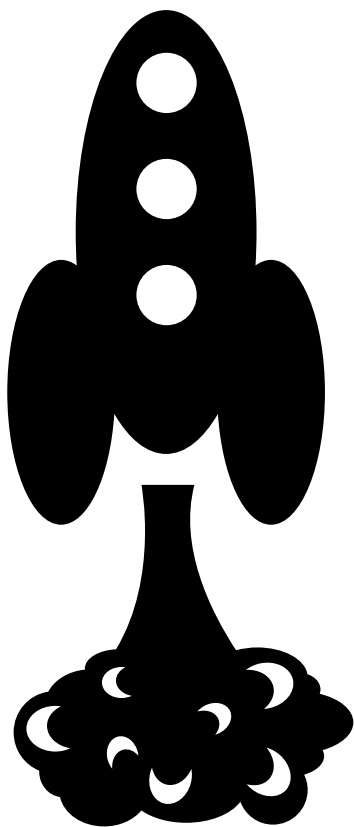


Rocket tower

Can you find the 2 rockets in the rocket tower?

Astronaut George would have gone to space in a rocket like these.

Find the water rockets and challenge your friend to see whose goes the highest.



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SUNSHINE STORY TIME TRAIL



Space Treasure Hunt

Go to the **Rocket Tower**

Find the story bag.

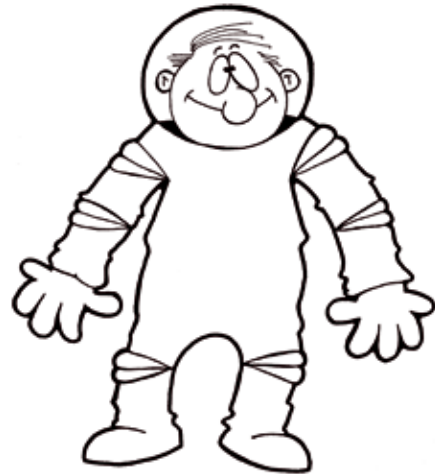
Feel inside to find telescopes have a look inside them what to you see?

(Circle your answer)

The

At

Off



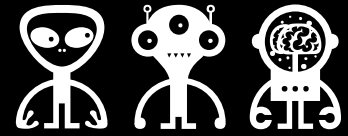
What are the magic words?

Four empty rounded rectangular boxes for writing answers.

Congratulations you have completed your trail.
We hope you enjoyed it remember to come and
get your certificate!

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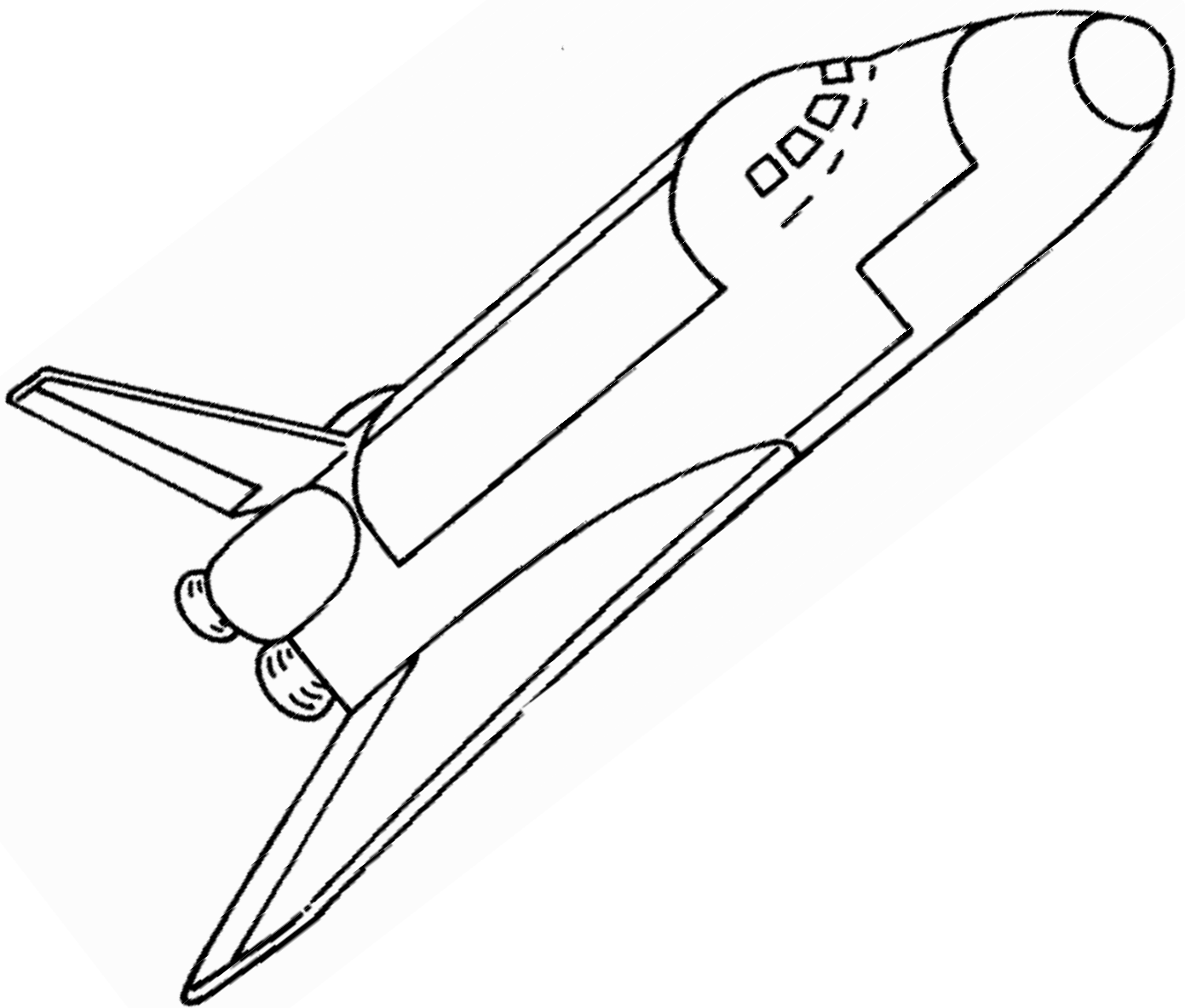
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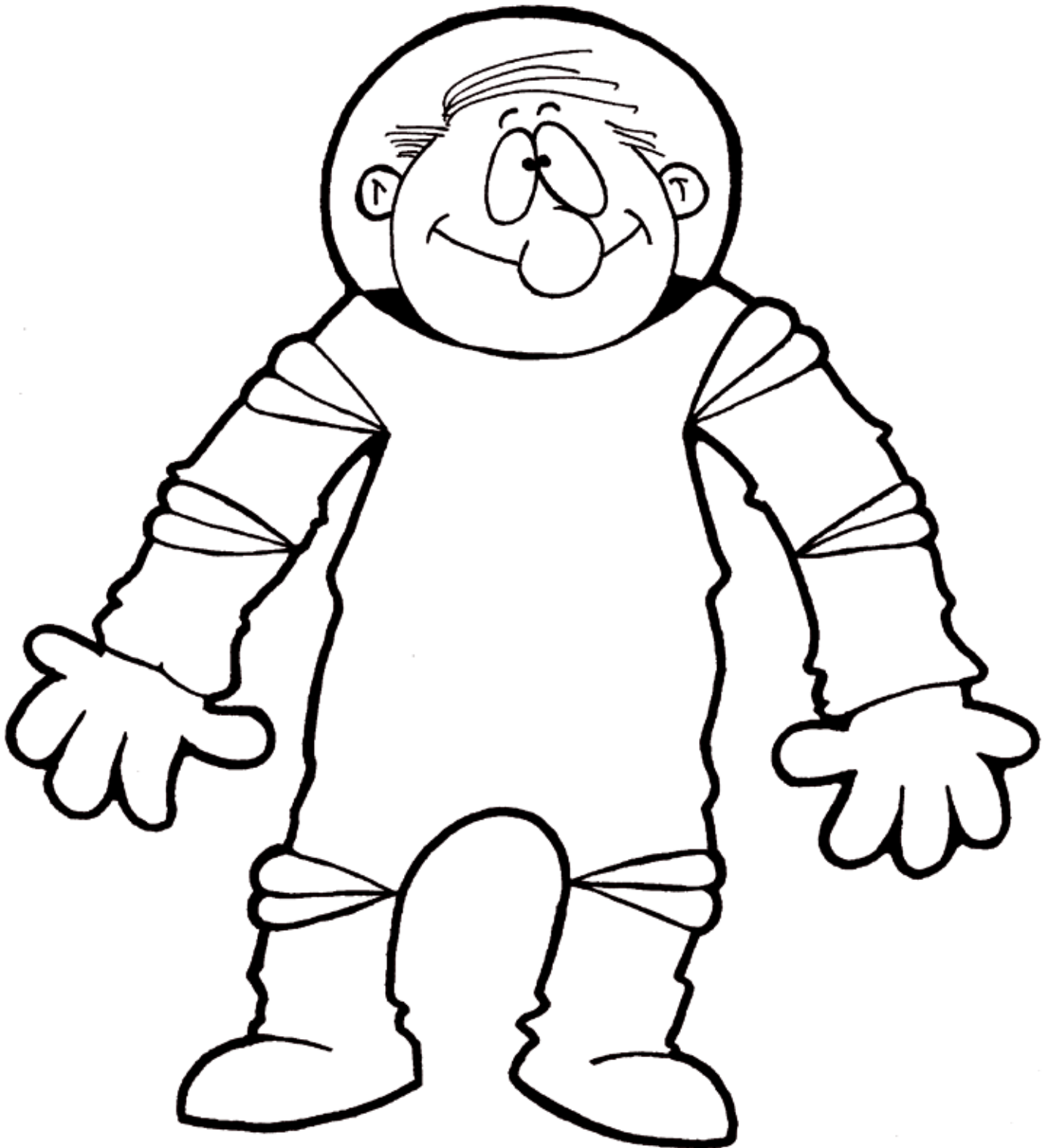
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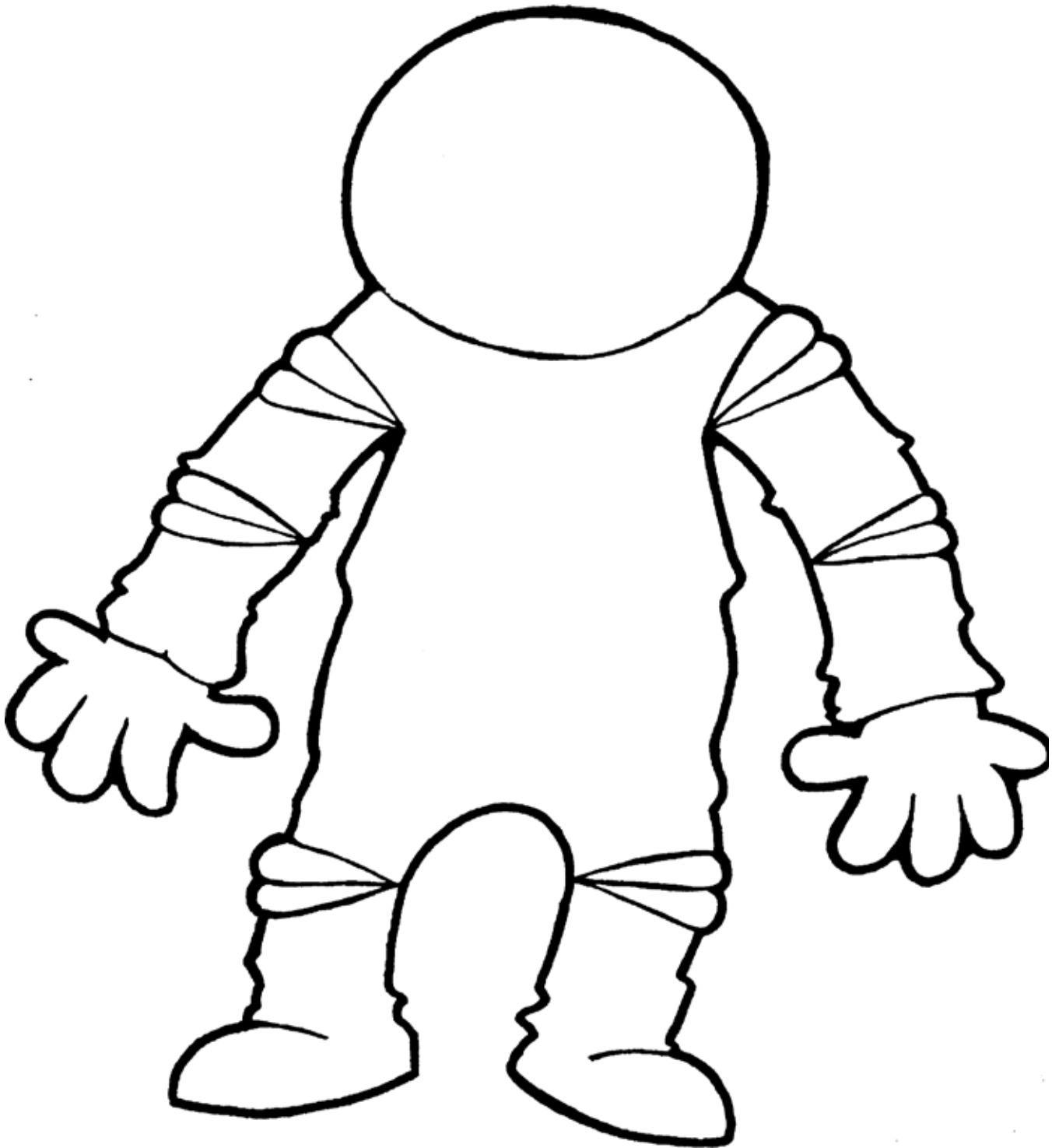
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