

PAWPRINT
BADGES

Space Adventures Challenge



An adventure that's out of this world... literally

Grab your spacesuit, load up your rocket and prepare for take off with these space themed activities!

For even more programme ideas check out our 'Space Adventures' board over on www.Pinterest.com/PawprintFamily

#AdventureForAll
www.PawprintFamily.com

Meet the FAMILY

Hi there! We're Charlotte & Jamie, the husband and wife team behind the Pawprint Family and we believe in #AdventureForAll.

It's our mission to help leaders, teachers and parents save time by providing ideas and opportunities to help them deliver everyday adventure and skills for life. We do this through our family of brands; find out more below and head to the website for your next adventure!



PAWPRINT BADGES

Pawprint Badges provides thousands of free activity ideas and resources to help leaders, teachers and parents deliver fun and adventure.

Every activity helps you share skills for life and is linked to one of our pawesome embroidered badges. Build your collection and celebrate adventures, new skills and knowledge gained.

PAWPRINT TRAILS

Pawprint Trails are treasure-hunt style walks around locations in the UK. Solve puzzles, track down the answers and explore everything our great country has to offer.

From historical sights to popular culture discover something new or rediscover a love for where you live then collect the badge to remember your adventures!

Whether you're looking for the perfect addition to your next family holiday or a few hours of fun with friends; each trail can be completed in a few hours or extended with our activity suggestions in to a weekend or a week's worth of fun!

PAWPRINT TALES

Pawprint Tales are fully illustrated stories that can be enjoyed by the whole family. Join Alfie (our fox-red Labrador) on his adventures around the UK - solving puzzles, turning detective and making new friends. With twists and turns, every tale is an opportunity to discover new places, people and history without needing to leave the comfort of your own home.

Enjoy Pawprint Tales alongside your Pawprint Trails or as a standalone adventure!

PAWPRINT TRUST

Every brand in the Pawprint Family supports the Pawprint Trust with a percentage of profits from every sale providing grants to young people. We're passionate about enabling young people to access life changing adventures.

Share your adventures and join us over on our social channels for even more adventures and a nosy behind the scenes at Pawprint HQ!



@pawprintfamily



@pawprint_family

HOW TO: Use Your Challenge Pack



This Challenge Pack has been divided into 4 sections: Craft, Food, Games and Other. In order to help you provide a balanced and varied programme for your young adventurers we recommend that the following number of activities are completed by each age group:

Age 3 - 5							Craft	Food	Games	Other	PICK
Age 5 - 7											
Age 7 - 11											
Age 11 - 14											
Age 14 - 18											
Age 18+											

Leaders, Teachers & Parents
Award yourselves a badge for supporting your young adventurers in their activities!

TOP TIPS

- Adapt activities as necessary to meet your needs.
- Add your own activity ideas or develop them into projects.
- Use what you have; don't buy in lots of new materials/equipment.
- No need to send us evidence, responsible grown-ups decide when the badge has been earned.
- One challenge badge can take as long as you like; from a few hours to days or even a full term!

Terms of Use

By downloading or purchasing this resource you agree to our terms of use as outlined below. As a husband and wife team we work hard to keep all of our resources and activity ideas available free of charge; we can only do this with your help.

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Use this resource with your young adventurers.	Redistribute or sell this resource in any way, shape or form.
Direct people to this resource online by sharing our website links.	Upload this resource to a website for download.
Tell your friends/family/colleagues about us!	Copy or modify any part of this resource to share with others either for free or for sale.
Share photos of you enjoying your adventures with us on social media.	Use any text, graphics, content or fonts without our written permission.

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Craft

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- 🚀 Create your own toilet tube constellations to shine on the wall at night.

How?

Fold a piece of dark coloured tissue paper over the top of a toilet roll tube and secure with an elastic band. Take the tissue paper off again and draw a constellation with a felt pen inside the imprinted circle that has been left on your tissue paper, then use a pin to carefully poke holes through where your constellation spots are. Tie your paper back onto your tube and shine a light through it at night to reveal your constellation in the dark. Don't forget to label each constellation tube.

- 🚀 Make a 3D sculpture of our Solar System and the planets within it. You could make your solar system inside a shoe box and fill it with lights to represent the stars, or create free-standing models of each planet instead. You decide!
- 🚀 Transform toilet roll tubes or empty plastic bottles into rockets with craft materials of your choice.
- 🚀 For youngsters, get their fine-motor muscles going with some tissue paper planets. Provide a circular piece of card or a paper plate for them to glue colourful tissue paper onto to make their very own planet.
- 🚀 Create marbled planets using shaving cream, acrylic paints and more. Head over to our 'Space Adventures' Pinterest board for instructions.
- 🚀 Crochet the entire Solar System or just your favourite planet.
- 🚀 Construct your own moon boots out of junk model materials. You could use up old cardboard boxes and tin foil. For a simpler craft activity, simply vamp up a pair of boots you already own with stars and space accessories.
- 🚀 Put together your own flying spaceship moving picture scene. Find some ideas on our 'Space Adventures' Pinterest board.
- 🚀 Create a galaxy in a jar.

How?

Gather a jar, cotton wool, glitter/stars, and galaxy-coloured acrylic paints. Mix each paint in a separate cup with some water, so that the paints do not mix. Place a layer of cotton wool in the bottom of your jar. Top with some glitter/stars then pour a little of one colour paint on top until the cotton wool soaks it up. Repeat this process but change the paint colour each time to create coloured layers.

- 🚀 Make an origami rocket and launch it into the air using a straw!



Food

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- 🍌 Create some alien strawberries by dipping each strawberry into melted chocolate and sticking googly eyes onto the sides.
- 🍌 Rocket wraps, a tasty space snack for lunchtimes. Head across to our 'Space Adventures' board on Pinterest to find out how to make yours.
- 🍌 Bake some planet cake pops. Cover your cake pops in different coloured chocolate or icing to look like the planets in our Solar System.
- 🍌 Enjoy the two classic space-themed chocolate bars that can often be found in a tin of Celebrations. Do you know which they are?
- 🍌 Put together matchstick and marshmallow constellations. Not only will you learn what each constellation looks like, you can eat them too!
- 🍌 Mix together a variety of fruit juices of your choice and claim it to be rocket fuel. Be careful though, the sugars may send you sky high!
- 🍌 Bake your very own Earth cookies. They're exactly what they sound like... Cookies that look like the Earth, created by baking slightly mixed blue and green food coloured cookie dough together.
- 🍌 Build your own fruit rockets on a skewer. Why not make a repeating pattern with your fruit rocket sections at the same time?
- 🍌 Try to go a week (or more) without eating cookies or bread.

Why?

Bread and cookies are banned from space-crafts. Due to the zero-gravity conditions, little crumbs that fall off these delightful delicacies can get stuck in the buttons and controls on the space-craft, which would cause quite the problem whilst you're stuck in space.

- 🍌 Put together an edible space scene on your plate, using finger foods of your choice. Why not use an orange slice as a planet? Or half a grape as a moon? Check out our 'Space Adventures' Pinterest board for inspiration.
- 🍌 Learn the different moon phases with the well-known jaffa cake representation. Full moon, half moon, total eclipse!
- 🍌 For a more challenging food activity, have a go at making some galaxy macarons! Head across to our Pinterest board to see what they look like.
- 🍌 According to NASA, astronauts have 203 things to choose from on their space mission menu. Can you write down 203 recipes?!



Games

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- Act out a space walk. Why not dress in an astronaut's outfit for extra fun?!
- See how long you can have a silent contest with a friend or family member. First person to speak loses the game!

Did you know?

Space is silent! There is no atmosphere in space, which means there is no way for sound to travel or be heard.

- Play Planet Trumps! Find the free downloadable resource on our website to start playing straight away.
- See how many of Saturn's rings (onion ring crisps) you can pick up and eat by just using your tongue. Can you eat a whole packet in under 1 minute?
- Orbiting Musical Chairs. Each player is assigned a planet and must travel around the chairs depending on how quickly they travel around the sun. For example, Earth would travel quicker than Venus would.
- Make moon craters! Fill a large tub or sand pit with sand and collect a variety of stones. Experiment with how the crater size and depth changes depending on how high you drop your stone from, and how big the stone is. Why not go one step further and create tyre tracks/footprints in your sand? With no wind on the moon, mankind's tracks will remain there, untouched.
- Play a game of chubby bunnies.

Why?

Our sun is over 300,000 times bigger than Earth but is considered to be an average-sized planet. One million Earths could fit inside the sun, and we weren't going to recommend you play chubby bunnies with Earths now were we?!

- Reach for the stars! Hang stars on string from your ceiling for a friend or family member to reach for. How many can they catch?
- Solar System circles - a group catching game.

How?

The leader holds a large ball (the sun) in the center of the circle. The players in the circle throw a smaller ball (Earth) across the circle, orbiting the sun. The game progresses and becomes more challenging as more balls (planets) are introduced into the orbit.

- Saturn ring hoopla. Cover the rings in foil for a more space-themed feel.



Other

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- 🪐 Visit the National Space Centre in Leicester to discover the world beyond ours. With a planetarium, rocket tower and a variety of space contraptions on display, you're bound to have a day that's out of this world.
- 🪐 Borrow a space-themed book from the library. Go for a fun fiction book or deepen your understanding of space with a non-fiction book.
- 🪐 Act out a space mission with a friend or family member, or as a group.
- 🪐 My Very Easy Method Just Speeds Up Nothing. My Very Educated Mother Just Served Us Noodles. There are so many ways to remember the eight planets in our Solar System. Can you think up your own rhyme to remember them?
- 🪐 Visit an observatory in the UK. Find a local observatory near you using this online map: <https://gostargazing.co.uk/observatories-in-the-uk/>
- 🪐 Discover more about the Apollo missions that have taken place. Were they all successful?
- 🪐 Do you want to know more about rockets? Aliens? The planets? Listen to a podcast on the aspect of space you are most interested in.
- 🪐 Make a batch of galaxy play dough. Make your dough base and split it into three. Use food colouring to make one batch purple, one blue and the last black. Let your children combine all three play doughs to create galaxy play dough! Add star sprinkles for a sparkly, night-sky feel.
- 🪐 Watch a space-themed film of your choice.
- 🪐 Write a letter to an astronaut! Ask them all of the questions you want to know the answers to. Like where do they sleep? How do they keep in contact with their family whilst they're on a space mission?
- 🪐 Design your own planet. Consider your planet's size, colour, distance from the sun, weather, name, etc.
- 🪐 Take a trip to Winchester Science Centre and Planetarium. Don't fancy a day out? Try some of their 'In School' or 'At Home' learning activities. Find them at: <https://www.winchestersciencecentre.org/learning>
- 🪐 Check out some of the space exhibitions at the Science Museum in London.
- 🪐 Create a space fact poster with everything you have learned or know about space. Why not present your poster to a group and share your findings?

Adventure Complete?

Reward your young adventurers with their Space Adventures Challenge badge to mark their achievements! Head to the website to bag yours, download certificates and discover even more adventures!



Create a Keepsake!

Experienced adventure? Made memories? Then it's time to create a keepsake! Our Pawprint Family camp blankets are the perfect place to sew your badges and look back on them for years to come.



Personalise it!

Got your camp blanket? Then it's time to make it yours! Our alphabet badges are big, bright and bold...the perfect addition to your camp blanket, hoodies, bags and more. What will you personalise first?



Even More Rewards!

We're all about added value here at Pawprint Family. In addition to the 1000s of free activity ideas and resources you'll find loyalty stickers in every order and you can claim Children's University learning hours too!



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