

**PAWPRINT
BADGES**

Time Traveller Challenge



Ready For a New Adventure? Then It's Time to Time Travel!

Transform yourself in to a Time Lord as we discover the past, the present and what the future may hold. Only you decide where your adventures will take you!

For even more programme ideas check out our 'Time Traveller' 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						
Age 5 - 7		Craft	Food	Games	Other	PICK
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.

Please Do	You May Not
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.

If you are unsure or have any questions about these terms of use please email info@pawprintfamily.com

You can view the extended terms of use on our website www.pawprintfamily.com/terms-conditions



Craft

**PAWPRINT
BADGES**

- ⚙️ Build your own time machine from junk/loose parts.
- ⚙️ Make your own calendar to measure time and record your achievements throughout the year.
- ⚙️ Have a go at cave painting and tell your story; use your fingers!
- ⚙️ The 10th Doctor, David Tennant, kept a dream diary. Make your own.
- ⚙️ Make fossils of the future; create fossils using plaster or clay of items that represent today's people that may be discovered in the future.

Why?

When dinosaurs were alive there were 370 days in a year as the Earth's spin is getting slower because the Moon's gravity is acting as a drag. The days are getting longer by about 1.7 milliseconds per century.

- ⚙️ Make a clock using a kit or make a sundial to measure the time.
- ⚙️ Create your own solar system model and find out about how long days, weeks and years are on other planets. How old would you be now if you were living on another planet?
- ⚙️ Make a timeline of your life. What are your biggest achievements?

Did You Know?

Light takes time to reach us meaning everything we see is in the past. The sun we see out of the window is 8 minutes and 20 seconds old. The light from our nearest star (Proxima Centauri) is 4 years old.

- ⚙️ Put together a time capsule and bury it in your garden or store it somewhere safe.
- ⚙️ Design a uniform or outfit that you may be wearing in 1000 years time. How is it different? Does it include any wearable technology?
- ⚙️ Make your own sonic screwdriver or design a space travel tool... what ability/power will it have?
- ⚙️ Find out about a craft from the past and have a go.
- ⚙️ Build a junk model robot or have a go at coding a robot for the future. What will robots be able to do in the future?



Food

**PAWPRINT
BADGES**

- ⚙️ Make pocket watch biscuits.
- ⚙️ Jammie Dodgers™ featured in 'Victory of the Daleks' alongside the 11th Doctor, Matt Smith. Make your own home made jam filled biscuits.
- ⚙️ Invent your own snack for the future. What will be the next big thing and how will it be advertised?
- ⚙️ Our taste changes over time. Umami was only discovered in 1908 and can be found in foods such as seaweed, aged cheese, kimchi, green tea and yeast extract - try some of these foods and discover if you like it.

Did You Know?

Taste buds only live for 10-14 days. Between the ages of 40 and 50 the number of taste buds decreases and after the age of 70 the number of taste buds can decrease by more than 60%.

- ⚙️ Preserve food in time using pickling.
- ⚙️ Make a recipe from the past and try cooking it using similar cooking methods.
- ⚙️ The 11th Doctor enjoyed fish fingers and custard shortly after his regeneration. The fish fingers were actually coconut breaded cakes! Make your own coconut cake and eat with home made custard... alternatively try fish fingers and custard and let us know what you think!
- ⚙️ Try space food and find out what food is eaten by astronauts who travel in space and explorers who travel long distances over time.
- ⚙️ Travelling to another country across the world means you're travelling through time. Find a recipe from a country in another time zone and have a go at making it.
- ⚙️ Before fridges and freezers there were lots of different methods for preserving and keeping food fresh. Find out about some of them and have a go at salting, drying, curing or preserving.
- ⚙️ What will food look like in the future? Will we be eating our meals as tablets or chewing gum? Design a meal for the future.
- ⚙️ Cook without electricity using a solar oven, open fire, fire pit, hot stones or build your own clay oven.



Games

**PAWPRINT
BADGES**

- ⚙️ How long can you plank for?

Why?

The smallest, standard, scientific measure of time is the Planck time. It takes you about 550,000 trillion, trillion, trillion Planck times to blink once quickly.

- ⚙️ Before maps and signs people used symbols to communicate paths or trails. Create a trail using natural objects to show the way or create your own map to follow using only symbols... no words!
- ⚙️ Create a game to help people learn how to tell the time.
- ⚙️ Design your own game based on time travel and your adventures in the past, present or future.
- ⚙️ Play a game from a time past, i.e. hopscotch, tiddly winks, dominoes, pick up sticks, card games, etc.
- ⚙️ Saturn ring toss; can you hoop your planet? Use different size balls for different age groups and levels of difficulty.
- ⚙️ Design a game suitable for travel - it needs to be compact and easy to play on the go.
- ⚙️ Role play; imagine you have travelled through space and time. Where are you? Who do you meet? What adventures will you have?
- ⚙️ Keep the satellite in orbit; use a beach ball and keep it off the ground for as long as possible.
- ⚙️ Navigate the asteroid field; with one member of the team blindfolded have the other team members help them avoid the obstacles (asteroids) and make a safe passage to the other side.
- ⚙️ Create your own playing card game based on time and space travel, it could be Top Trumps style with different aliens/villains or a voyage of discovery through time.
- ⚙️ Travel through space: think about different ways to travel through space that have been developed over time. Create an action for each and then play like a game of Simon Says with the last person to complete the action being out.
- ⚙️ Travel back to a previous Pawprint Badge and play your favourite game.



Other

**PAWPRINT
BADGES**

- ⚙️ Enjoy a walk up a hill or mountain.

Did You Know?

Time travels faster for your face than your feet (assuming you're standing up). Einstein's theory of relativity dictates that the closer you are to the centre of the Earth, the slower time goes. At the top of Mount Everest a year would be about 15 micro seconds shorter than at sea level.

- ⚙️ Find out about the Oddball Effect. Why does time feel like it's going faster as you get older?
- ⚙️ Create a newspaper front page about the year 2020.
- ⚙️ Go camping for one week without electronics or see how long you can last without electronics or clocks.

Why?

Research has shown that one week of camping without electronics is enough to reset our body clock and help us sleep better.

- ⚙️ Travel back in time in your local area by looking at old maps and talking to older residents. How have things changed?
- ⚙️ Visit a museum and look at the collections. Look at similar items from a range of time periods - how do they change over time?
- ⚙️ Watch a film or TV programme about time travel.
- ⚙️ Travel through space and time from the comfort of your own home using live webcams from around the world.
- ⚙️ Choose a historical celebration and host your own; make decorations, make food from the era and celebrate as they would have done.
- ⚙️ Research Leonardo Da Vinci and his predictions for his future. Design your own inventions for the future.
- ⚙️ Watch an old episode of Tomorrow's World to see what predictions have come true.
- ⚙️ Discover how the face of time and numbers have changed through the ages. Investigate Roman numerals and see which one on your badge exists only in another dimension!

Adventure Complete?

Reward your young adventurers with their Time Traveller 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!



Subscribe to the **Tribe News** for all the latest adventures direct to your inbox!

Scan me!

