

Virtual Antarctic Adventure



The coldest, windiest, driest, highest and iciest continent!
In partnership with our friends at Twinkl Home Ed we're taking a trip to Antarctica...are you ready for the trip of a lifetime?

For even more programme ideas check out our 'Antarctic' 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

A Big Hello from Twinkl Home Ed!

We're together on your Home Ed Journey!

Who are we?

We are a team within Twinkl Educational Publishing dedicated to helping, supporting and inspiring Home Educating families. Most of us are also Home Educating parents.

What do we do?

We do as much as we can to help Home Educating families. We make resources based on suggestions from our members, run themed weeks, competitions and initiatives on social media and we help our members take advantage of the huge range of possibilities their Twinkl subscriptions offer.

Where can you find us?

Browse our selection of 600,000+ resources at www.twinkl.co.uk.



Where can I find out more?

If you want to know more about how Twinkl Home Ed can help your Home Ed family, head over to Twinkl and download the [Home Ed Membership Guide](#)!



Why Pawprint Family?

We are so excited to be heading off with Pawprint Family on another Virtual Adventure which is accompanied by a beautiful embroidered badge. We already know lots of our Twinkl members love using our resources to work towards the tasks in the Pawprint Challenge Packs so we make a great team!

Find out more about our Virtual Antarctic Adventure on the next page!

Twinkl Home Ed Virtual Antarctic Adventure



For hazardous journey to Antarctica.
No wages, bitter cold, long months of
complete darkness, constant danger
and safe return doubtful.

Reward

Extensive knowledge, survival
knowhow, honour and recognition in
the form of a certificate or an
embroidered badge in exchange for
detailed notes about your adventures
and research findings!



Join us on our latest adventure with Pawprint Family to journey around the mysterious continent of Antarctica, completing research at various far-flung outposts. You will be travelling by boat, plane, snowmobile and snowcat and meeting scientists from all over the world. You will also encounter unusual wildlife, sometimes cute, sometimes dangerous and sometimes quite bizarre! Are you ready?

Download your free [Virtual Antarctic Adventure Pack](#) and share your progress via our social media channels.

- Complete your learning passport, tracking your progress.
- Identify your locations on our accompanying map.
- Earn your completion certificate and/or badge.
- Collect penguins along the way.
- Look out, also, for a series of three FREE live video lessons all about Antarctica on our [Facebook page](#)!



Have you got what it takes? Of course you have!
See you in the land of ice and snow!



PAWPRINT BADGES

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



Craft

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❄ Create a water filter - the Antarctic ice sheet represents around 90% of the world's ice and 80% of its fresh water!

❄ Build a working compass.

Why?

As Antarctica is the most Southerly point on the Earth, everything in Antarctica is North! West and East Antarctica are created by the prime meridian which runs through Greenwich, England at 0° longitude.

❄ Make a model volcano...from ice! Mount Erebus is one of two active volcanoes in Antarctica and features ice fumaroles/ice towers over steam vents.

❄ Create your own weather station to record the weather; there are around 80 research bases in Antarctica, run by around 30 countries.

❄ Have a go at ice carving to create an ice sculpture.

❄ Make a model from snow (real or artificial, it's your choice).

❄ Build an indoor igloo or den using recycled plastic bottles.

❄ Make a journal, create a diary or decorate a notebook to record your adventures.

Why?

There have been many Antarctic expeditions by many intrepid explorers. Probably the most famous of them all, Captain Robert Scott, detailed his race to the South Pole in his diaries which were later found after his death by Norwegian Tryggve Gran. Gran kept his own diaries in which he detailed the discovery of Scott's frozen body.

❄ Antarctica holds a few awards as the highest, driest, windiest, coldest and iciest continent on the planet. Invent your own awards for friends and family with some 'est' words, i.e. funniest, cheekiest, loudest, etc.

❄ Grow your own salt crystal snowflakes.

❄ Almost 75% of the world's Killer Whales live in Antarctica and Blue, Humpback, Minke and other whales can also be found in Antarctic waters. Make a craft of your choice on a whale theme and have a whale of a time!

❄ Make your own wax seal stamp; 6 of 35 seal species live in Antarctica!



Food

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- ❄ Make your own lava bombs from chocolate truffle, like the flying blobs of lava that fly out of Mount Erebus!
- ❄ Mix up your own blood red mocktails and discover why the water that flows at Blood Falls on the Taylor Glacier is red.

Here's an idea!

Why not serve your blood red mocktails in ice glasses for a truly Antarctic beverage OR just get creative with red fruit juices and add some ice cubes!

- ❄ Deep Lake in Antarctica is so salty that it can't freeze. Freeze your own ice cubes or create a frozen dessert, just make sure if you do that you don't add salt instead of sugar!!
- ❄ Bake your own floating meringue icebergs.

Why?

In 2000, a chunk the size of Connecticut broke off the Ross Ice Shelf. Did you know that when an iceberg breaks off the ice shelf it's known as 'calving'.

- ❄ Antarctica is a frozen desert (often mis-spelled as dessert)...have a go at freezing your own frozen dessert of choice!
- ❄ Bake an Aurora Australis cake with swirls of bright colour through the batter to make beautiful hidden delights.
- ❄ Take a look at the Antarctic food web; can you demonstrate it in a fun/edible way, say...through biscuits?
- ❄ Make yourself some edible emperor penguin popsicles (try saying that five times fast!) using bananas dipped in chocolate.
- ❄ Build and use a solar oven to cook; the snow in Antarctica reflects the light so effectively that sunburn is often an issue for visitors.
- ❄ 60-90% of the world's fresh water is locked in the Antarctic ice sheet which covers around 5.4million square miles (14 million km²). Learn how to filter or distill water to purify it.
- ❄ The majority of the Antarctic continent sits south of the Antarctic Circle, the southern most circle of latitude. Make your own Antarctic Circle iced, ring doughnuts. Why not decorate them with little penguins or icebergs?



Games

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- ❄ Complete an obstacle course in the dark. Antarctica has six months of darkness (winter) and six months of daylight (summer) because of the Earth's axis. For some days in the winter the sun does not rise so there is 24-hour darkness.
- ❄ Can you jump the height of a penguin? Emperor penguins can reach up to 120cm in height, how high can you jump?
- ❄ Almost all of Antarctica is south of the Arctic Circle. Play some circle games in a group.
- ❄ Race to melt the ice and free trapped toys/penguins.
- ❄ Hold your own waddle races; waddle like a penguin holding a ball (egg) on the top of your feet to stop it touching the ice.
- ❄ Race to get dressed for the desert.

How?

In 2 teams, relay race to gather clothing items for a hot and cold desert. When we think of deserts, many of us only ever think of hot, sandy places and we never think of places like Antarctica. Antarctica is a frozen desert with an average rainfall of less than 10cm per year...Just think how long it's taken for the ice to get as thick as it is!!

- ❄ Antarctica is the windiest place on Earth! Race to get a ball through an obstacle course with desk fans and hair driers trying to blow you off course!
- ❄ Have a snowball fight with newspaper snowballs or use your 'snowballs' to knock down tin cans in a tin can alley.
- ❄ Play musical icebergs.

What?

Make a range of icebergs either from paper cut-outs or using furniture. Just like musical chairs; when the music stops, find an iceberg (you can share if it's big enough). Anyone without an iceberg is out. When the music starts again, icebergs melt away (get removed from the game) to make it harder.

- ❄ Build the tallest tower of ice cubes that you can in 1 minute.
- ❄ How fast can you melt an ice cube? Time yourself and compete with friends.
- ❄ Have a game of ice hockey on a baking tray using a button and lolly sticks.



Other

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BADGES

-  Complete an experiment to see the impact of land vs. sea ice on rising sea levels. Which affects it more? Why is this?
-  In 1959 the Antarctic treaty was signed, designating Antarctica as a reserve for peace and science. Create your own treaty as a family or group. What will your core values be and how can you work to achieve them?
-  Plot a route up to 4 miles and walk, run, cycle, swim the distance. The Antarctic ice sheet is up to 4 miles thick in some areas, this activity will help you visualise this.
-  In 1979 Emile Marco Palma was the first human to be born on Antarctica and since then there have only been 10 others. Find out where you were born and if you can, take a trip there.
-  Hold a meeting or event in the dark to experience Antarctic winter. There are often rope lines between buildings which you are required to hold on to and follow to the next entrance. Maybe you could create a route to follow?
-  The coldest temperature on earth was recorded in Antarctica. Record the temperature where you live and see how low the temperatures fall.
-  Discover one or more Antarctic expeditions. Why not complete your Earnest Shackleton badge?
-  Every year around 40,000 tourists visit Antarctica. Do a role play and act out what you think a visit might be like. What will you see? How will it feel?
-  Antarctica is the highest continent with much of the landscape sitting at more than 3,000 metres above sea level. Visit the highest point near you and see how high you are, then compare.
-  Keep a diary for a fixed amount of time, maybe over a holiday or for a month. What will you record and include? Why not discover and read the diaries from an Antarctic expedition and take inspiration from them?
-  Scientists believe than 40-50 million years ago Antarctica experienced a climate much like Melbourne, Australia. Discover what the climate and life is like there, what kind of animals and plant life exist, what would you need to wear or think about on a visit?
-  Explore more and find out your own fun facts about Antarctica and share them in an interesting way. Why not tag us in your facts on social media?

Adventure Complete?

Reward your young adventurers with their Virtual Antarctic Adventure 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!

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