

Bee Challenge



There's a hive of activity waiting to happen...

Did you know that there are nearly 20,000 known species of bee? No? Then it's time to create a buzz and raise awareness of these wonderful creatures!

For even more programme ideas check out our 'Bee' 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



PAWPRINT BADGES

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





Craft

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-  Use bubble wrap to print your own honeycomb patterned wrapping paper. Use it to wrap somebody's Bee-Day present! Alternatively use your print to make some Bee-Day cards.
-  Make a bee and bug hotel for the garden.










For Leaders...

For younger groups cut the bamboo to length and pre-cut pieces of wood, teach them to use electric screwdrivers or hammer and nails for construction. With slightly older groups why not let them have a go using saws to cut their own materials or 'bee' more adventurous and let them design and make from scratch using a selection of materials.

-  Craft your own 'Hunny' pot from clay...just like Winnie The Pooh's.
-  Make a pom-pom bee with stripes of yellow and black yarn.

Here's an idea!




Why not as a local library or community centre if you can make a display of them to raise awareness of the declining bee population. Maybe you could make posters too and tick off two 'Craft' challenges?

-  Design a poster to raise awareness of the declining bee population and let others know how they can turn their gardens in to bee havens.
-  Make a bee peg for your fridge to hold important bees-ness. You could use black and yellow pompoms or draw your critter on card and cut out.
-  Make bees wax candles.
-  DIY your own bees wax food wraps for your lunch box.
-  Mix up your own honey based beauty product like a face mask or body scrub. Why not give it to a friend or make as a Mother's Day gift?
-  Build a bumblebee nest for the garden.
-  Glue and stick your way to glory with your own tissue paper, honeycomb decorations!
-  Roll up some beeswax candles (beeswax sheets can be found online in an array of colours!).
-  Make your own beeswax lip balm.







Food

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-  Find out what changes the colour of honey. Try different types of honey or honey from different locations and see if you can taste the difference.
-  Bake with honey i.e. make cakes or biscuits using honey.
-  Make a cake and add sugar syrup.







Did You Know?

Bee keepers feed bees sugar syrup in September to ensure they have enough stores for over the Winter.

-  Mix your own sweet nectar and make mocktails using fruit juices. See if you can guess the flavours.
-  Find out all the foods that bees help provide. It is estimated that one third of food is pollination dependent; from broccoli and squash to apples and almonds!
-  Make a sticky honey glaze for a BBQ/campfire.
-  Make your own honeycomb and drizzle with chocolate to make some bee stripes.

Remember!


Sugar gets very hot and can easily burn so take care and ask an adult for help if you're not sure. The results will be super tasty so it's well worth it!

-  Find out about the anti-bacterial properties of honey and even try making your own cough mixture.
-  Make some sweet bees using honey as a replacement for sugar. Quarter of a cup of sugar is equal to 3 tablespoons of honey.
-  Bake your own honey bread.
-  Make some bee hive biscuits, layering baked biscuits in different sizes with a honey cream filling.
-  Turn some of those famous chocolate and cream biscuits into bees by adding some yellow icing stripes and some white chocolate button wings!
-  Bee yourself and cook up your favourite recipe for others to try.






Games

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-  Bees have facial recognition and can remember people. Identify famous people from their facial features.



For Leaders...

Cut out facial features from magazines or print celebrity photos from the internet. Chop up the faces and see if your young people can identify them.

-  Honey bees have 170 odorant receptors. Can you identify flowers/herbs from their smells?
-  Sherlock Holmes famously retired to a life of keeping bees. Use him as an inspiration and have a go at a bee treasure hunt.
-  Try and follow the waggle dance directions.




What?

Worker honey bees do a waggle dance to show the other worker bees where the pollen is located. The direction of the moves tells them which direction to fly. Can you follow a set of directions given in the form of a dance?

-  Have a go at the pollen transfer game, moving ping pong pollen balls from one bowl to another using only a drinking straw.
-  Race against the clock in a pollen collection relay.

How?







Place bowls filled with popcorn at one end of the room and teams sit at the other in their 'hives'. Take it in turns to 'fly from the hive' and collect a piece of pollen (popcorn) from the other end of the room then race back. Make it harder by placing obstacles in the flight path. The hive with the most pollen at the end of the game wins.

-  Use sticky tape to make sticky arms and legs then catch the pollen as you fly. Leaders throw popcorn and the person with the most attached to them at the end of the game wins.
-  Race to complete an obstacle course blindfolded following your queen bee's (partner) instructions.
-  Bush Tucker style - use your long bee tongue to unscrew or open something. Bumblebees can measure up to 22mm in length (depending on whether it's a queen, male or worker) and their tongues can measure around 15-20mm, that's almost the same length as their body!!









Other

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-  Worker honey bees do a waggle dance to show other workers where the pollen is located. Create your own dance with meaning.
-  Bees only sting as a last form of defense. Learn some self-defense.
-  Invite a regional bee inspector to visit your group so you can find out more about bees.
-  Find out about famous bee keepers...we've already told you about one but can you find any more? We think you'll bee a little surprised!
-  Bees have personalities. Find out what type of personality you have by taking a personality test. Young adventurers can try the personality test at www.knowandlove.com and find out which animal personality type they are...Charlotte is a Border Collie and Jamie is a Beaver!
-  Find out some/all the different uses for beeswax.

For Leaders...

This could be a great fact finding mission before completing your 'Craft' challenge where you can create beeswax candles or food wraps. Why not get each young person to try and name one, trying not to duplicate as you go around the circle.

-  Plant some wildflower seeds and help your garden become a better habitat for bees? Not got a garden, window boxes are a great alternative or work with your local council to plant a flowerbed.
-  Bees stay warm in the winter by beating their wings. Do some aerobics and get your wings (arms) moving, check your temperature before and after... how much did you warm up?
-  Worker bees clean and polish the cells in the hive ready for the Queen to lay eggs. Tidy your room and polish as a good turn.
-  Which city's symbol is a bee and why? Find out and plan a visit or go there. If you visit spot as many bees as you can and maybe even do some wax rubbing as a memento of your trip.
-  Sing the baby bumblebee song.
-  Pesticides are one of the main causes of the bee population decline. You can help by writing to your local MP and asking them to put pesticide reduction at the heart of new UK farming policy.

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

