

**PAWPRINT
BADGES**

Construction Challenge



You're really going to dig this challenge...

Rik Bear has his safety helmet, jacket and his toolbox at the ready! Will you join him on a handy construction adventure?

For even more programme ideas check out our 'Construction' 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									
Age 7 - 11		+							
Age 11 - 14		+							
Age 14 - 18		+							
Age 18+		+							

Craft

Food

Games

Other

PICK

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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Craft

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-  Make a model crane that actually works.
-  Design Construction Site warning signs saying 'keep out' and 'danger'.
-  Create a picture of a construction vehicle using flat paper shapes.

How?

Draw and cut a variety of simple shapes such as squares, circles and rectangles out of different coloured paper or card. Make sure you cut out a range of sizes. Play around with the shapes and see what vehicles you can make out of them. Use circles as wheels, a large rectangle as a vehicle body and squares as windows.

-  Practise using real tools such as hammers and screwdrivers with adult supervision.
-  Set up a construction playdough site where your toy diggers have to transport playdough boulders and dirt across the site. Don't want to get messy with playdough getting stuck to everything? No problem – use dry, un-boiled pasta, shredded paper or small pebbles instead.
-  Make a model digger out of junk materials.
-  Have a go at construction truck painting. Paint the wheels of your toy truck or digger and push it along a piece of paper to make tyre tracks.
-  Build a wrecking ball pinata!

What?

Wrecking balls are made of steel that is melted down into a mould and then cooled into a sphere to make them stronger. They were usually hung from cranes and swung backwards and forwards towards the building that needed to be taken down. They were once used to demolish buildings and other structures, but are rarely used now because they would sometimes get stuck in the wall!

-  Gather a large collection of cardboard boxes and make a house/den big enough to get into.
-  Make a pretend compact hammer out of a cereal box and toilet roll tubes.
-  Cut out and put together a split pin paper digger.
-  Bake and decorate some salt dough construction tools such as a hammer, screwdriver, wrench, saw, etc.



Food

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-  Use a toy digger and other construction vehicles to transport your food across the table at dinner time.
-  Bake some traffic light brownies. Use coloured chocolate sweets as the traffic lights!

Did you know?

People that work on construction sites have to wear brightly coloured safety high-visibility jackets so that they can be seen at all times. With such heavy machinery and dangerous materials around, it's important for construction workers to stay safe.

-  Construct a builder's burger with fillings of your choice.
-  Put together dirt soil and chocolate pudding pots to eat with little spoons that look like spades!
-  Build a house out of marshmallow rice squares.

How?

To make your marshmallow rice squares, melt some butter in a saucepan. Next, add plenty of miniature marshmallows until they have fully melted down. Remove the mixture from the heat, add rice cereal and stir until everything is well mixed. Flatten your mixture into a baking tray with a spatula and allow to cool before cutting them into rice cereal building blocks!

-  Make some 'construction workers fuel' to keep you going throughout a day of building (e.g. a fizzy orange mocktail or pop).
-  Bake a cake fit for a builder. Check out our 'Construction' board on Pinterest to see some cakes that everyone will dig...
-  Enjoy a 'builder's cuppa'. The stronger the better.
-  Fill ice cream cups with cookie dough and label it up as 'cement mix'. Why not mix in some chocolate 'boulder' chips?
-  Build a fence with logs (chocolate fingers). Can you construct your fence in a way that makes it stand up on its own?
-  Make edible sand that can be lifted and dumped by your construction trucks.
-  Hold a construction themed party with some of the snacks from above. Find some great construction party snacks on our 'Construction' Pinterest board.



Games

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-  Hold a contest to see how can build a tower of 10 blocks the quickest. For an extra challenge, blindfold the players and see how much we depend on our eyesight to construct things!
-  Time yourself to see how quickly you can stack a pile of 6 construction cones into a pyramid.
-  Go digging for screws.

What?

Fill a sanitiser or box with plenty of sand and hide a certain amount of screws in it. The first person to find all of the screws wins. Make the game easier by providing sieves for younger children to sift the sand and reveal the screws. To make the game more challenging for older children, use smaller screws.

-  Take on a nut stacking minute to win it challenge.
-  Have a 'rock' relay race. Papier-mâché some water balloons to look like rocks and pass the rock down your relay team as quickly as you can.
-  Play a game of guess the tool. Place a tool in an enclosed box with just a hand gap to reach into and feel the tool. Try and guess the tool by asking only 3 questions.
-  Play wrecking ball bowling.

How?

Use the Papier-mâché rocks you made as bowling balls and set up a wrecking ball bowling course in your garden. Don't have any bowling pins? Make your own out of toilet roll tubes! Didn't make the papier-mâché rocks? Use a normal ball instead. You could even attach your ball to a piece of string and swing it backwards and forwards to knock down your pins, just like an actual wrecking ball.

-  Enjoy wheelbarrow races. Wheelbarrows are an essential vehicle for transporting materials across a construction site.
-  Create a construction obstacle course. Maybe you have to jump over a pile of bricks (cardboard boxes), pass a large tyre over your head, knock down a stack of 'bricks' and take a wheelbarrow full of tools to the end of the line!
-  Screw toss! Toss as many screws as you can into a construction worker's hat. Make the game more challenging by using smaller screws or moving the hat further away from the starting position.



Other

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-  Watch an episode of Bob the Builder! Why not sing along to his catchy theme tune and make up your own actions?
-  Enjoy a day out at the JCB Zone at Gulliver's Kingdom.
-  Dress up as a construction worker for the day. What uniform and equipment will you need to stay safe on the construction site? Check out the Rik Bear Construction badge for some help!
-  Find out if you can have a tour around a construction site near you. See if you can talk to some of the construction workers about what they do.
-  Make a list of all of the construction vehicles you might find on a construction site.
-  Hold your own strength experiment! Which material would be best to use when building a house if brick was not an option? Test some of these materials or any materials you already have at home: foil, paper, cardboard, stone, bubble wrap, wooden blocks. Think about sturdiness, structure, and how well the materials can be knocked down or bent.
-  Plan a trip to JCB Young Drivers Zone at Springfields, Spalding, to have a go on their pedal-powered tractors.
-  Watch an episode of DIY SOS! Why not register to volunteer at their next project?
-  Read a non-fiction book about construction or diggers.
-  Think up a gesture or action to represent different workers, jobs or vehicles on a construction site.
-  Take a trip to a DIY shop and marvel at all of the tools and equipment used to build and construct things. Why not talk to one of the workers there and ask them to tell you something interesting about DIY or the machinery they work with?
-  Draw out a construction track for your trucks and diggers to follow along. This could be on old newspaper in your living room or with big chalks on the pavement outside.
-  Set up a construction tuff tray full of diggers, tractors, hammers, screw drivers, wooden blocks and all sorts of other construction materials, tools and vehicles.

Adventure Complete?

Reward your young adventurers with their Construction 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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