

Halloween



Fun At Home

chillistick

Leaky Cauldron



Kit List

- ✓ Cauldron
- ✓ Ice Cage
- ✓ Gloves
- ✓ Dry Ice
- ✓ Dish/Container

Time

5 minutes

Activity

Fill the small container which is included in the pack with hot water and place inside the centre of the cauldron.

Fill the ice cage with dry ice with the funnel provided.

When ready place the ice cage inside the container and watch as the spooky fog fills the cauldron.

Try adding bubbles add some washing up liquid to the dry ice and watch the cauldron spell at work with creepy bubbles

Pop them for more fun!

Note:



Always replace lid on dry ice box straight after use

What's Happening?



The warm air in the room is causing the dry ice to turn to a gas. Gases need more room than solids and liquids so the pressure grows in the Scoop. This will eventually push the cap off.



Don't be put off by the title! This is very safe and will get a round of applause.....

You will blow the red plug out of the ice scoop. The red cap will fly up a metre or so in the air with a nice popping sound.

Horrible Hand



Kit List

- ✓ Cauldron
- ✓ Ice Cage
- ✓ Gloves
- ✓ Dry Ice
- ✓ Dish/Container

Time

5 minutes

Activity

Place around 2-3 pellets of dry ice inside one of the blue gloves supplied with the party pack and tie a knot in the end.

If you use 2-3 pieces of dry ice there is no danger of the hand balloon bursting - please be careful not to add more than this!

Over the next 5-10 minutes the glove will inflate into a rather horrible looking swollen hand! As the dry ice sublimates the glove gets larger, eventually all the dry ice disappears - wicked!

What's Happening?

The dry ice converts to a gas without going through a liquid phase. Normal water ice melts to a liquid. Dry ice misses out the liquid state and turns to gas.

Note:

Always replace lid on dry ice box straight after use



Bubble Monster



Kit List

- ✓ Ice Scoop
- ✓ Red Lid Bucket
- ✓ Bubble Solution
- ✓ Gloves
- ✓ Dry Ice
- ✓ Hot Tap Water
- ✓ Tea Towel

Time

5 minutes

Activity

This activity is messy so use your kitchen sink!

Open a window and a door to allow for plenty of fresh air.

Fill your kettle with water and put on to boil.

Place the bucket in the kitchen sink and ensure the red lid is fastened to the bucket.

Pour 1 full scoop of dry ice into the bucket and add a few squirts of bubble mixture (the more you add the greater the bubbles!).

Add a full kettle of hot water (about the temperature of a cup of tea - not boiling water!) Into the bucket and see the bubbles rise.

Pop the bubbles! It's cool and quite addictive.

Note:



Always replace lid on dry ice box straight after use

What's Happening?



The hot water and dry ice is creating lots of fog. This gas and water mixture inflates the bubble mixture creating a foamy bubble structure. The dry ice is changing from solid to gas

Super fun and really messy. So please do this on a surface that is easy to wipe clean. Same as the big fog activity BUT with added bubble solution. Pop and fog the bubbles - the more bubbles the more mess!

The Big Fog Effect



Kit List

- ✓ Ice Scoop
- ✓ Red Lid Bucket
- ✓ Kettle
- ✓ Gloves
- ✓ Dry Ice

Time

5 minutes

Activity

Best in the kitchen and on the floor!

Fill a kettle to the maximum and switch on to boil. Ensure the kettle sits for 3-5 minutes after boiling before using.

Seat the children to watch this demo.

Open the door and also a window to provide plenty of fresh air and banish all pets.

Children to promise to keep 1 metre away from the bucket whilst the fog is activated.

Place a towel on the floor. The towel will soak up any moisture that might be created.

Place the red lid bucket securely on the towel.

Pour 2 full scoops of ice into the bucket through the holes in the red lid. Then pour the contents of the kettle through the same hole.

The fog will hide your hand, but you need to empty the entire kettle. Consider using a funnel.

When the fog has subsided you will be left with warm water, which is safe to pour down the sink.

Note:



Always replace lid on dry ice box straight after use



What's Happening?



When the dry ice and hot water mix, the result is "fog", lots of tiny drops of water in a cloud. The fog you have created is the same as the fog seen in nature.



Foggy Drinks



Kit List

- ✓ Pitcher Jug
- ✓ Ice Cage
- ✓ Ice Cage Funnel
- ✓ Drinking cups
- ✓ Fruit Cordial
- ✓ Water
- ✓ Gloves
- ✓ Dry Ice

Time

5 minutes

Note:



Always replace lid on dry ice box straight after use



Activity

Ensure the ice cage and jug is freshly washed.

Place the funnel into the safety valve of the ice cage and scoop dry ice into the cage using the funnel until half full. (Pic 1).

Remove the funnel from the ice cage. (Pic 2).

Make a jug of your chosen drink and drop the ice cage into the jug.

A fog will be created which will carry the aroma of the drink - ask the children to smell the drink!



Pic 1



Pic 2

Whilst fogging pour into a glass so each child has fog in their drink. There is plenty of ice in the pack so when it's done - refill the ice cage!



What's Happening?



The dry ice contained in the ice cage and drink mixture create a fog of tiny droplets of the drink. This is why the aroma of the drink is easy to detect - you have created a fruit flavoured cloud! The dry ice converts from a solid directly to a gas and this is the only way it can leave the ice cage.

SPOOKY SPELLS



Kit List

- ✓ Ice Scoop
- ✓ Red Lid Bucket
- ✓ Tea Towel
- ✓ Gloves
- ✓ Dry Ice

Time

10 minutes

Activity

Place the bucket in the sink.

Fill the ice scoop to around a quarter full.

Cover the bucket with a tea towel and wait 5 minutes.

Tell the children to be very quiet and still - this is a magic bucket.

Gently remove the towel from the bucket.

Invite the children to blow bubbles into the bucket - watch as the bubbles bob and float in the bucket.

What's Happening?



The dry ice is solid carbon dioxide. (The stuff that makes drinks fizzy). At room temperature it wants to turn into a gas. This gas slowly fills the bucket pushing out air.

Carbon dioxide is heavier than air so it tends to stay in the sink. Unless it is pushed out by an open window. This is why we suggest using a tea towel to keep the gas in the bucket.

Note:



Always replace lid on dry ice box straight after use



Simple and fun experiment that shows you just how magical things can be Well almost!



If the bubbles don't float try using a cup of hot water to make fog which will encourage the carbon dioxide in the sink.



INFO



These spooktacular activities are easy to carry out and fun to do. Our Halloween Fog Party Pack has all the kit including dry ice to carry out all of the mind blowing spooky elements. If it is just some fun Halloween drinks then opt for the Drinks Party Pack which includes dry ice. Or if you prefer you can buy the elements separately. Full details can be found on our website at www.chillistick.com.



Fog Party Pack

Drinks Party Pack



Dry Ice Safety

Dry ice is extremely cold. Please follow the dry ice guidelines which are contained with our instruction booklet and are found on-line at www.chillistick.com/downloads.

Adult supervision is required at all times. If you have any queries or further questions please do call 020 3432 9412 or email info@chillistick.com.

