



Scouts

Central Yorkshire



Saturday 24th April

10:00 Welcome Video

10:10 to 18:00 Activities Commence

18:30 Campfire

19:15 Disco

20:00 Puppet Show – Beavers and Cubs

20:00 Illustrator Workshop – Scouts and Explorers

Sunday 25th April

10:00 Closing Video

Spring Thing

Introduction

Hello,

It's been a challenging year for us all and Scouting has been a little bit different to normal. We would have loved to be able to run this event with everyone together at Bramhope - enjoying being with our friends, trying challenging activities and having fun. We are looking forward to being back together face to face soon, but in the meantime, we have a very exciting event to take part in today!

We've got a fun-filled day planned for you, but you can join in with the activities at your own pace. All of the activity videos will remain on the County website for a while, so you can complete or redo any of the activities in your own time.

We have themed this event around the four elements: earth, wind, water and fire. We have a mixture of activities for all ages to participate in consisting of crafts, STEM, cooking, challenges and much more. We recommend you read through all the activities on offer and decide what you would like to do – we've even given you space at the end of this guide to plan out your day.

That's not forgetting our very special evening entertainment. We have an all-sections sing-along campfire and a disco with DJ Luby. Then for Beavers and Cubs, we have a fantastic St George puppet show and for Scouts and Explorers, an amazing illustration workshop!

We've put some information for your parents/carers/guardians on the next page, to help keep your day safe and make it as enjoyable as possible.

We are so excited that we have so many Beavers, Cubs, Scouts and Explorers from across the County getting involved today and we hope you have a great time!

Becky, Carrie, Susannah, Naomi, Jack, Darren & Carol

County Cub Scout Leader, ACC Cubs, ACC Beavers, County Beaver Scout Leader, ACC Explorers, ADC Scouts (SLaM), County Commissioner

Information for parents/carers/guardians

Firstly, thank you so much for supporting your child/relative/friend to access the event today. Scouting has had to adapt a lot in the last 12 months and we hope you are managing to have positive experiences with your own group too! Here are some extra pieces of information to help make today really enjoyable.

Website

Please log on to the County website <https://www.cycscouts.org.uk/events/springthing21/> where you will find all the videos for this event, in addition to this guide and all of the activity risk assessments (please read these before starting any activity). This is also where you will find the evening entertainment and closing video – please note that these videos will be set to live at the time stated on the front of this guide, so don't worry if you can't see them straightaway! These videos will remain on the website for a while, so you can continue to complete the activities in your own time.

Facebook Group

If you joined Virtual Challenge 20 or Festive Funday 2020, you'll know we used a Facebook Group for parents/carers/guardians to share photos and videos of the activities their young people got up to. This gave a community feel to the event and we are hoping to replicate that here.

The group is called "Spring Thing! (Central Yorkshire Scouts)". If you request to join, you will be asked some simple questions and then be accepted. Please do share as much as you wish into the group – there will even be some prizes available!

Prizes

Throughout the day our event team will be looking out for fantastic posts showing what young people are getting up to. They will have several special prizes to award to posts they particularly love. So, make sure you share what you get up to, to be in with a chance to win!

Scout & Explorer Zoom

The evening entertainment activity especially for Scouts and Explorers is an illustration workshop with Liz Millions. This workshop will take place via Zoom and will last approximately 40 minutes. Please join 5 minutes in advance of the start time. We will have to start the session promptly.

You should have received details of the zoom session by email (be sure to check your junk folder as unfortunately sometimes this is where our emails end up). If you have not received this, please email becky.burrell@cycscouts.org.uk in advance of the workshop.

In order to ensure this flows as well as possible, please can you ensure your young person:

- Has some paper, a pencil, an eraser, and some colouring pens on hand to use in the workshop.
- Join's the Zoom call with the name set as the **YOUNG PERSON'S FULL NAME, THEIR GROUP** and **DISTRICT**
- Does not use the chat function.
- Mutes and unmutes when asked.
- Gets involved as much as possible!

Overnight Sleeping

Whilst the Spring Thing is not an official camp, of course as Scouts we love any opportunity to have a camp! All young people are herefore encouraged to build a den or tent to sleep inside or out in the garden. Remember to tell your Leader so it counts towards a Nights Away too!

Feedback

This event has been entirely organised and delivered by volunteers; amidst all the life commitments we share. We hope it is as exciting as we're aiming for, but sometimes things do go wring and so we ask for you to bear with us if this happens. After the event we will send out a feedback survey and we would love it if you could share any thoughts with us. Thank you!

If you bought a printed event bag, it will contain:

(adjust to personal/dietary requirements)

Challenges

Bow And Arrow:

- 4 x A4 Sheets Paper
- Sellotape
- 1x Rubber Band

Grow Your Own:

- Sunflower Seeds

Soap Carving:

- 1 x Bar Soap
- Pencil
- Paper Clip

Zip Line Balloon Rocket:

- 1 x Balloon
- String
- Plastic Straw
- Sellotape

Craft

Fire Breathing Dragon:

- 2 x Small Pompoms
- 2 x Big Pompoms
- Tissue Paper
- Green Paper
- 2 x Googly Eyes
- Sellotape

Firefly Nightlight:

- Glow Sticks
- 4 x Pipe Cleaners
- Tissue Paper
- 2 x Googly Eyes
- 1 x A4 Sheet Card
- Sellotape

Origami Boat:

- 1 x A4 Sheet Paper
- ½ Paper Straw
- Sellotape
- Small Piece Of Paper

Paracord Woggle:

- 2 x Lengths Of Paracord
- Tealight Candle

Tin Can Lantern:

- Candle
- Pencil
- Sellotape
- 1 x A4 Sheet Paper

Wind Crafts:

- 1 x Paper Plate
- String
- Sellotape
- 1 x A4 Sheet Paper
- 3 x Paper Straws
- 1 x A5 Sheet Paper
- Pencil
- Paper Clip

Other

Glow In The Dark Bowling:

- Glow Sticks

Pinhole Camera:

- 1 x A5 Sheet Black Paper
- 1 x A5 Sheet Tracing Paper
- Sellotape

Wide Game:

- Glow Sticks

STEM

Daffodil Windmill:

- Green Stalk
- White Post
- Retainer
- Petal Paper
- Trumpet
- Leaves

Hovercraft:

- 1 x CD Disk
- 1 x Balloon
- Sellotape

Pioneering:

- Sellotape

Yoghurt Pot Man:

- String
- Cress Seeds

Tin Can Man:

- String
- Cress Seeds

Extra:

- Event Badge
- Event Guide
- Frisbee

In addition to the bag, you will need:

(adjust to personal/dietary requirements)

Challenges

Bow And Arrow:

- Scissors

Fire Lighting:

- Cotton Wool Balls
- Petroleum Jelly (Vaseline)
- 1 x Toilet Roll Tube
- 1 x Sheet Of Newspaper
- 1 x Dry Stick (2-3cm wide)
- Sharp Knife
- Matches
- Water Bucket
- Wood

Grow Your Own:

- Planter (e.g. plant pot, margarine tub, tin can)
- Sharp Knife
- Pens, Paint, Stickers (to decorate)
- Soil/Compost

Soap Carving:

- Blunt Knife
- Teaspoon
- Vegetable Peeler
- Scissors

Cooking

Pizza:

- Homemade Sauce:
 - o 1 x 400g Can Chopped Tomatoes
 - o 1 x Clove Garlic
 - o Pinch Of Salt
 - o Pinch Of Sugar
 - o Herbs (to taste)
- Or Sauce Alternative (e.g. tomato puree, premade sauce)

- Simple Dough:
 - o 220g Self-Raising Flour
 - o 90ml Water
 - o Pinch Of Salt
 - o 1 tbsp Olive Oil
- Yeasted Dough:
 - o 500g Strong White Bread Flour
 - o 225ml Lukewarm Water
 - o ½ tsp Salt
 - o 1 x 7g Sachet Dried Yeast
 - o 1 tsp Sugar
 - o 2 tbsp Olive Oil
- Or Base Alternative (e.g. tortilla wrap, muffin, pitta bread)
- Grated Cheese
- Toppings Of Your Choice
- Baking Tray/Non-Stick Frying Pan
- Oven/Grill
- Bowl
- Spoon/Fork
- Knife
- Rolling Pin*
- Blender/Saucepan*
- Sieve*
- Measuring Jug*
- Damp Cloth*
- Spatula*

*Equipment required dependent on which recipe is being followed.

S'mores:

- Digestive/Rich Tea Biscuits
- Chocolate
- Marshmallows
- Waffle Cones
- Additional Fillings Of Your Choice

- Skewers*
- Tin Foil*
- Grill/Fire*

*Equipment required dependent on which recipe is being followed.

Craft

Fire Breathing Dragon:

- 1 x Toilet Roll Tube
- Scissors
- Glue

Firefly Nightlight:

- 1 x Clear Plastic Bottle
- Scissors
- Glue

Paracord Woggle:

- Scissors
- Tape Measure

Tin Can Lantern:

- 1 x Tin Can (we recommend a ring-pull)
- Hammer
- Nail (or suitable alternative)
- Tea Towel

Wind Crafts:

- Scissors
- Felt Pens

Other

Glow In The Dark Bowling:

- Clear Plastic Bottles
- Ball

Pinhole Camera:

- Shoebox (with a rectangular hole cut out of each end)
- Drawing Pin/Needle

- Scissors
 - Jumper/Shirt
 - Double Sided Tape*
 - Black Tape*
 - 1 x Aluminium Can*
 - 1 x Needle*
 - 1 x Cork*
 - Pliers*
 - Fine Sandpaper*
 - Strips Of Velcro*
 - Photograph Paper*
 - Glue Stick*
 - Stiff Black Card*
 - Ruler*
 - Template* (County Website)
- *Items required for bonus challenge activity.

- STEM
- Hovercraft:
- 1 x Bottle Cap (with an open/close mechanism)
 - Scissors
- Pioneering:
- Large Newspapers
 - Long Stick (optional)
- Volcano:
- 1 x Small Plastic Bottle
 - Washing Up Liquid
 - Bicarbonate Of Soda
 - Vinegar
 - Food Colouring
 - Tray
 - Cleaning Equipment
 - 1 x Bottle Diet Coke
 - 1 x Pack Mentos Mints

- Yoghurt Pot Man:
- 16 x Small Yoghurt Pots
 - 2 x Large Yoghurt Pots
 - Soil/Compost
 - Scissors
 - Marker Pen
- Tin Can Man:
- 11 x Tin Cans
 - 1 x Large Tin Can
 - Soil/Compost
 - Hammer
 - Nail (or suitable alternative)

If you are self-sourcing equipment, you will need:

(adjust to personal/dietary requirements)

- Challenges
- Bow And Arrow:
- 4 x A4 Sheets Paper
 - Sellotape
 - 1 x Rubber Band
 - Scissors
- Fire Lighting:
- Cotton Wool Balls
 - Petroleum Jelly (Vaseline)
 - 1 x Toilet Roll Tube
 - 1 x Sheet Newspaper
 - 1 x Dry Stick (2-3cm wide)
 - Sharp Knife
 - Matches
 - Water Bucket
 - Wood
- Grow Your Own:
- Sunflower Seeds

- Planter (e.g. plant pot, margarine tub, tin can)
 - Sharp Knife
 - Pens, Paint, Stickers (to decorate)
 - Soil/Compost
- Soap Carving:
- 1 x Bar Soap
 - Pencil
 - Blunt Knife
 - Teaspoon
 - Vegetable Peeler
 - Scissors
 - Paper Clip
- Zip Line Balloon Rocket:
- 1 x Balloon (longer 'airship' balloons work best)
 - 1 x Long Length String
 - 1 x Plastic Straw

- Sellotape
- Cooking
- Pizza:
- Homemade Sauce:
 - o 1 x 400g Can Chopped Tomatoes
 - o 1 x Clove Garlic
 - o Pinch Of Salt
 - o Pinch Of Sugar
 - o Herbs (to taste)
 - Or Sauce Alternative (e.g. tomato puree, premade sauce)
 - Simple Pizza Dough:
 - o 220g Self-Raising Flour
 - o 90ml Water
 - o Pinch Of Salt
 - o 1 tbsp Olive Oil

- Yeasted Pizza Dough:
 - o 500g Strong White Bread Flour
 - o 225ml Lukewarm Water
 - o ½ tsp Salt
 - o 1 x 7g Sachet Dried Yeast
 - o 1 tsp Sugar
 - o 2 tbs Olive Oil
- Or Base Alternative (e.g. tortilla wrap, muffins, pitta bread)
- Grated Cheese
- Toppings Of Your Choice
- Baking Tray/Non-Stick Frying Pan*
- Oven/Grill*
- Bowl*
- Spoon/Fork*
- Knife*
- Rolling Pin*
- Blender/Saucepan*
- Sieve*
- Measuring Jug*
- Damp Cloth*
- Spatula*

*Equipment required is dependent on which recipe is being followed.

S'mores:

- Digestive/Rich Tea Biscuits
- Chocolate
- Marshmallows
- Waffle Cones
- Additional Fillings Of Your Choice
- Skewers*
- Tin Foil*
- Grill/Fire*
- Baking Tray*

*Equipment required is dependent on which recipe is being followed.

Craft

Fire Breathing Dragon:

- 1 x Toilet Roll Tube
- 2 x Small Pompoms
- 2 x Big Pompoms
- Glue
- Tissue Paper
- Green Paper
- 2 x Googly Eyes
- Sellotape
- Scissors

Firefly Nightlight:

- 1 x Clear Plastic Bottle
- Glow Sticks
- 4 x Pipe Cleaners
- Tissue Paper
- 2 x Googly Eyes
- Glue
- 1 x A4 Sheet Card
- Sellotape
- Scissors

Origami Boat:

- 1 x A4 Sheet Paper
- ½ Paper Straw (left over from kite making)
- Sellotape
- Small Piece Of Paper

Paracord Woggle:

- 2 x Lengths Paracord
- Scissors
- Lighter/Candle
- Tape Measure

Tin Can Lantern:

- 1 x Tin Can (we recommend ring-pull)
- Hammer
- Nail (or suitable alternative)
- Candle/Torch
- Pencil
- Sellotape
- 1 x A4 Sheet Paper
- Tea Towel

Wind Crafts:

- 1 x Paper Plate
- Felt Pens
- Scissors
- Sellotape
- String
- 1 x A4 Sheet Paper
- 3 x Paper Straws
- 1 x A5 Sheet Paper
- Pencil
- Paper Clip

Other

Glow In The Dark Bowling:

- Clear Plastic Bottles
- Glow Sticks
- Ball

Pinhole Camera:

- 1 x A5 Sheet Black Paper
- 1 x A5 Sheet Tracing Paper
- Sellotape
- Shoebox (with a rectangular hole cut out of each end)
- Drawing Pin/Needle
- Scissors
- Jumper/Shirt
- Double Sided Tape*
- Black Tape*
- 1 x Aluminium Can*
- 1 x Needle*
- 1 x Cork*
- Pliers*
- Fine Sandpaper*
- Strips Of Velcro*
- Photograph Paper*
- Glue Stick*
- Stiff Black Card*
- Ruler*
- Template* (County Website)

*Items required for bonus challenge activity.

Wide Game:

- Glow Sticks

STEM

Hovercraft:

- 1 x CD Disk
- 1 x Unused Balloon
- 1 x Bottle Cap (with open/close mechanism)
- Sellotape
- Scissors

Pioneering:

- Large Newspapers
- Sellotape
- Long Stick (optional)

Volcano:

- 1 x Small Plastic Bottle
- Washing Up Liquid
- Bicarbonate Of Soda
- Vinegar
- Food Colouring
- Tray
- Cleaning Equipment
- 1 x Bottle Diet Coke
- 1 x Pack Mentos Mints

Yoghurt Pot Man:

- 16 x Small Yoghurt Pots
- 2 x Large Yoghurt Pots
- String
- Cress Seeds
- Soil/Compost
- Scissors
- Marker Pen

Tin Can Man:

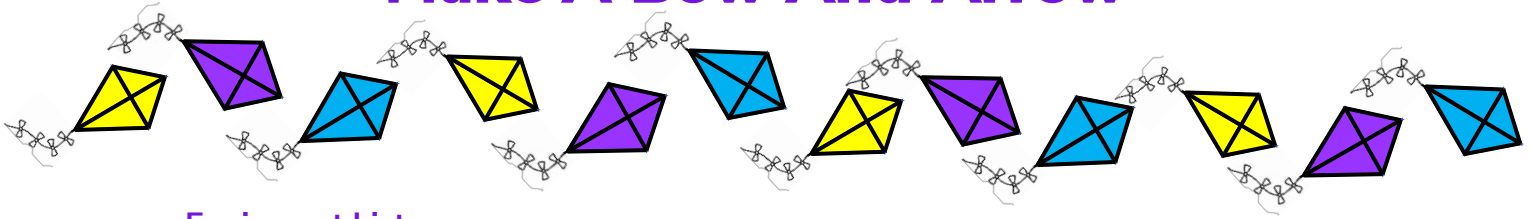
- 11 x Tin Cans
- 1 x Large Tin Can
- String
- Cress Seeds
- Soil/Compost
- Hammer
- Nail (or suitable alternative)

Extra:

- Event Guide (County Website)

Spring Thing

Make A Bow And Arrow



Equipment List:

- 4 pieces of A4 paper
- Sellotape
- Rubber band
- Scissors



- 1.** Get one piece of paper. Fold one corner diagonally to the other side.
- 2.** Cut the rectangle off so that when you unfold the paper you will have a square.
- 3.** Repeat steps 1 and 2, with the other 3 pieces of paper.
- 4.** Take one piece of square paper. Roll it up tightly to create a thin tube. Secure it with sellotape.
- 5.** Repeat step 4 with another piece of square paper.
- 6.** Cut approximately 3 cm off the end of both tubes.
- 7.** Put both tubes next to each other and bend one end of each tube at about 4cm down.
- 8.** Turn one tube around and put the 4cm bends side by side of each other so that you are creating one long, curved tube with the overlapping 4cm in the middle. Secure the two tubes together with sellotape in the middle by wrapping around.
- 9.** Bend the two ends of the long-curved tube at 1cm down. Bend them backwards, in the opposite direction from the curve.

10.

Cut the rubber band in one place. Using sellotape, secure each end of the rubber band to each of the end bends on the curved tube.

11.

Get the third tube and cut it at about 8 cm. Put it over the outside of the curve and secure with sellotape. This should flatten the curve more to create a gentler 'arch' to your bow.

12.

Get the fourth tube. Cut a small triangle out of one end. Wrap sellotape around the tube just below that triangle. This is your arrow.

13.

Get one of the rectangular scraps of paper and cut to between 1 – 2 cm in length. Wrap it loosely around the fourth tube to create a tube and secure the tube shape with sellotape (but do not secure to the thin tube).

14.

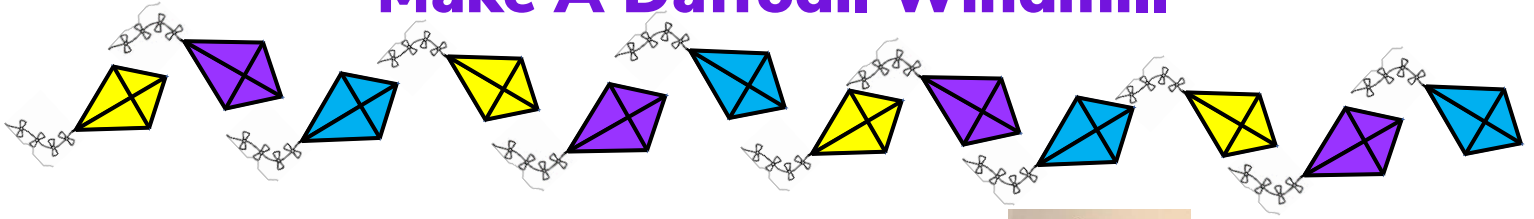
Secure the short tube to the side of the bow in the middle where on one of the sides.

15.

To shoot your bow and arrow put the arrow in the cylindrical tube with the rubber band slotted into the triangle cut out. Pull back, aim at a target and fire!

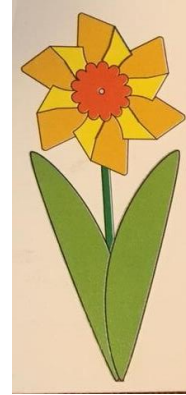
Spring Thing

Make A Daffodil Windmill



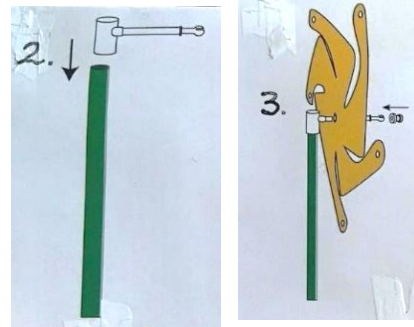
Equipment List:

- Green stalk
- White post
- Retainer
- Petal paper
- Trumpet
- Leaves

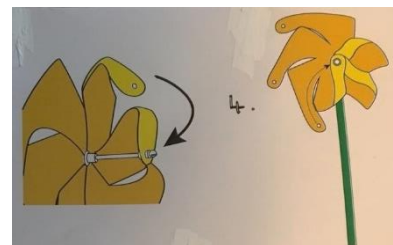


1. Identify the parts – green stalk, white post, retainer, petal paper, trumpet, leaves.

2. Connect the green stalk and the white post.

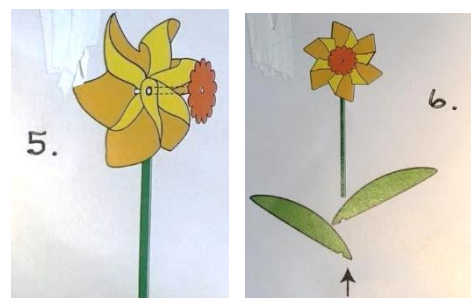


3. Put the petal paper onto the white post and push the retainer onto the end – biggest end first.



4. Fold over the ends of the petal paper in sequence onto the retainer.

5. Put the orange trumpet onto the retainer.



6. Fold the leaves and put them at the base of the stalk – secure with sellotape if required.

Spring Thing

Make A Firefly Nightlight

Equipment List:

- A clear plastic bottle
- Glow sticks
- 4 x Pipe cleaners
- Tissue paper
- 2 x Googly eyes
- Glue
- Card
- Sellotape
- Scissors



- 1.** Cut some strips out of tissue paper.
- 2.** Brush on a layer of glue to the centre of the bottle – this will be the firefly's body.
- 3.** Apply the tissue paper into the area which has glue on and smooth it out.
- 4.** Add another layer of glue on top of the tissue paper and put to one side to allow to dry.
- 5.** Wrap a pipe cleaner around the bottle at one end of the tissue paper. Twist the underneath to form 2 legs.
- 6.** Repeat step 5 with another pipe cleaner at the other end of the tissue paper.
- 7.** Cut 2 wings out of the card. You can draw wing markings on them with a felt tip if you would like.
- 8.** Stick the wings on the bottle with sellotape.
- 9.** Stick the googly eyes on the lid of the bottle.
- 10.** Wrap the last pipe cleaner around the neck of your bottle, twist on the top to create the firefly's antennae.
- 11.** When you are ready, put 2 illuminated glow sticks inside the bottle and put the lid on.

Spring Thing

Make A Fire Breathing Dragon

Equipment List:

- 1 toilet roll tube
- 4 pom poms (2 sizes)
- Glue
- Tissue paper
- Paper
- Googly eyes
- Sellotape (optional)
- Scissors



- 1.** Take your toilet roll tube and cover it with green paper, using either glue or sellotape.
- 2.** Using glue, stick the two large pom poms on the top of one end of the toilet roll.
- 3.** Stick a googly eye on each pom pom, so the googly eyes are facing the other end of the toilet roll tube. You have now made the dragon's eyes.
- 4.** Using glue, stick the two smaller pom poms on the top of the other end of the toilet roll. These are the dragon's nostrils.
- 5.** Cut the tissue paper into strips to make the fire.
- 6.** Stick (using glue or sellotape) the ends of the tissue paper to the inside of the end of the toilet roll tube (the other end to where the eyes are). Make sure the strips go the whole way around the toilet roll tube.
- 7.** Leave your dragon and the fire to dry.
- 8.** Once dried, blow down the end of the toilet roll where the eyes are and see the fire flames blow!

Spring Thing

Fire Lighting

Gathering around a campfire is a big part of Scouting and something that we all miss! In this session we'll revisit the basics of fire building, look at some basic firelighters and discuss how to safely build a small fire.

WARNING – Competent adult supervision is **required** for these activities and they **MUST** be undertaken outdoors.

SAFETY FIRST:

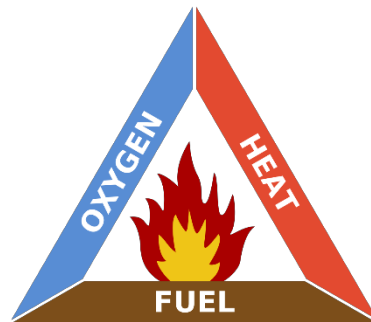
If it is not watched or properly controlled, your firelighters can be dangerous both to people and the surroundings. Fire can spread quickly especially in dry conditions and a stray ember can be enough to start a larger fire.

How to light a fire:

The three elements needed to light a fire are oxygen, heat and fuel, known as the fire triangle. If you take away one of these elements, the fire will not light or will go out.

There are four steps to lighting a fire that we'll talk about:

- 1.) Collecting your kindling and fuel.
- 2.) Choosing a site and build your fire.
- 3.) Build your fire.
- 4.) Light, grow and establish your fire safely.



Cotton Wool Firelighters

Equipment List:

- Cotton Wool Balls
- Petroleum Jelly (Vaseline)

1.

Dip cotton wool balls into the petroleum jelly.

2.

Rub the petroleum jelly into the cotton wool ball. Use your fingers to work the petroleum jelly into the fibres of the cotton, thoroughly coating the entire piece.

3.

Store them in a waterproof container.

Toilet Roll Firelighters

Equipment List:

- A toilet roll tube
- A sheet of newspaper (or paper)

- 1.** Lay your sheet of newspaper out flat.
- 2.** Start in one corner and roll it towards the corner that is diagonally opposite until you have a long thin newspaper snake!
- 3.** Tie the newspaper in a simple knot.
- 4.** Stuff your newspaper knot into the toilet roll tube.

Feather Sticks/Wood Shavings

Equipment List:

- A dry stick (approximately 2-3cm wide)
- A sharp knife (such as a swiss army knife or penknife)

- 1.** Hold the stick in your non dominant hand at one end in front of you.
- 2.** Place the other end of the stick on a firm surface, such as the ground, or a tree stump. Ensure your body is well clear from the knife and you cut down to the ground.
- 3.** Hold the knife carefully in your dominant hand.
- 4.** Use your knife to slice thin strips down the sides of the stick, making sure they stay attached at the bottom. These thin strips make it easier to light the stick.
- 5.** To make wood shavings simply slice the thin strips off the stick.

Safely Using Your Firelighters To Start A Small Fire

Ensure you gain your adults permission to do this.

They must remain with you at all times.

Follow all safety guidance.

Equipment List:

- A safe location to have your fire (e.g. a disposable BBQ tray, foil roasting tray, BBQ, firepit, concrete slab or grass free patch of earth)
- Ignition source (we recommend matches)
- A means of extinguishing the fire (e.g. a bucket of water or sand)
- A firelighter (such as the ones explained previously)
- Wood for fuel

1.

Ask an adult for permission and to supervise you.

2.

Select a suitable area outdoors to light your fire, taking care to be away from flammable material (e.g. fuel, wood, trees, bushes, dry grass).

3.

Create a hearth by placing a small bed of dry sticks onto the base of your fire site.

4.

Kneel with your back to the prevailing wind, knees, and feet together to eliminate draughts, and arrange small sticks on top of your hearth in a flat or upright V-shape. Remember to leave a gap to insert your firelighter/tinder.

5.

Pack your firelighter inside the V-shape.

6.

Strike match, shielding flame, and take it to the firelighter. Blow gently to provide oxygen if needed.

7.

Add wood as necessary, gradually increasing the size of your fuel as the fire is established.

8.

Carefully extinguish your fire when you have finished.

Spring Thing

Glow In The Dark Bowling

Equipment List:

- Clear plastic bottles
- Glow sticks
- Water
- A ball or something to use to knock the skittles over



- 1.** Take any labels off your plastic bottles.
- 2.** Fill the bottles with water – they don't need to be entirely full.
- 3.** Snap the glow sticks and put them into the bottles.
- 4.** Put the lids on the bottles and tightly fasten – ask an adult to check they are fastened securely.
- 5.** Choose a room where you can have your Bowling Alley. (Tip – somewhere where it can be dark, where you can stand the bottles on the floor, where you can roll a ball on the floor and where you will not damage or break anything!)
- 6.** Place your bottles (Ten Pin Skittles) on the floor in a triangle.
- 7.** Draw the curtains/turn off the lights. Hopefully, you can see your glow in the dark Ten Pin Skittles!
- 8.** Roll your ball (or similar item) and try knock the Ten Pin Skittles over.
- 9.** See how many rolls it takes for you to knock them all over.
- 10.** Can you make it more challenging by bowling from further away?

Spring Thing

Grow Your Own



Growing plants is easy peasy! All you need is a container, growing medium, water and seeds.

A container can be anything at all, such as a margarine tub, an eggshell, a glass jar, a tin can and even an old sink. A container needs to be filled with a growing medium, the most common ones being soil or compost. Once your container is full of soil, push your seeds under the soil. You then need to add water to “water in” the seeds and give them an initial boost of moisture to grow.

Sunflowers

Equipment List:

- Sunflower seeds (if you bought a bag you can find some wrapped up in tissue)
- A planter or container (e.g. plant pot, margarine tub, tin can)
- Sharp knife
- Colouring pens, paint, stickers or similar (to decorate)
- Soil or compost
- Watering can or jug

1.

Find a container you will use as your planter.

2.

With the help of an adult, use a sharp knife to poke some holes at the bottom of your planter.

3.

Decorate your planter how ever you want!

4.

Add soil/compost to fill up your planter.

5.

Add your sunflower seeds to the planter. Bury them a couple of centimetres under the surface.

6.

“Water in” your seeds by watering them until water comes out of your drainage holes at the bottom of your planter.

7.

Sit back, relax and watch them grow!

Growing Vegetables From Scraps

Equipment List:

- Bunch of celery
- Sharp knife
- Bowl
- Jug of water
- Planter/container
- Soil/compost



1.

Use a sharp knife to cut off the bottom of your bunch of celery about 2 inches up from the base.

2.

Place the celery bottom in a bowl with the cut side facing up. Then, add a bit of water to the bowl, just enough to submerge the base of the celery.

3.

Set the bowl in the sun and wait. Move the bowl to a sunny spot and wait for leaves and roots to form. This should only take a few days. In a day or two, you should see growth.

4.

Once roots have formed, plant the celery in a container with drainage holes or directly in your garden. Cover everything but the leaves with rich, well-draining soil, and make sure the celery gets at least six hours of sunlight on most days.

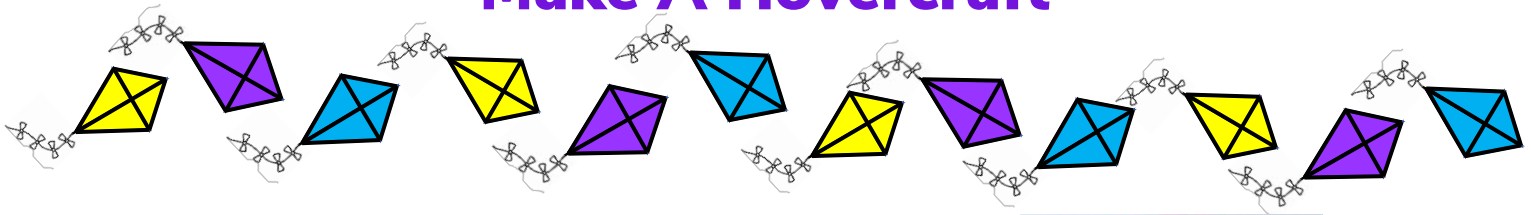
5.

Wait for the celery stalks to grow back. Then, cut off as much as you need. As long as you leave the roots in the ground, your celery should regrow several times.

Bonus Challenge: You can do the same with a head of lettuce, but instead of planting it in the ground, leave it in water. After two weeks the leaves will be as big as they can be, so eat up!

Spring Thing

Make A Hovercraft



Equipment List:

- CD disc
- Unused balloon
- A bottle cap that has an open/close mechanism
- Sellotape
- Scissors



1. Using sellotape, securely tape the bottle cap onto the CD. When you tug on the cap gently, there should not be a gap between the cap and the CD.

2. Close the cap's opening.

3. Blow up the balloon (ask a grown up to do this as appropriate) and hold the opening with one hand.

4. With the other hand, wrap the balloon's opening over the cap and then let go.

5. Place the hovercraft on a flat surface or on some water.

6. When you are ready, push the cap open from underneath so the balloon can deflate through underneath the CD's hole.

7. Give it a gentle push to set it off.

Spring Thing

Newspaper Pioneering

This is pioneering with a difference! Instead of using wooden poles or sticks, we are going to make poles out of newspaper, which we can then use to build any model we want.

Equipment List:

- Large newspapers
- Sellotape
- Long straight stick (optional – to help roll up the newspaper)



1. Plan out (and draw if you want) the design of what you would like to make. This can be absolutely anything you like, perhaps you want to make a den, or a tent, or a flagpole. Planning your model will help you work out how many newspaper poles you will need to make.

2. To make a pole, lay out one big sheet of newspaper on a flat surface. If you are using a stick to help, place this diagonally at the bottom right corner. Roll up the newspaper sheet diagonally from the bottom right corner to the top left corner. Make sure you keep the roll tight so that your pole is strong, but not too tight that you can't remove your stick (if you are using one).

3. If you are using a stick, carefully slide it out of your pole, but be sure to keep hold of the newspaper, so it doesn't unravel. Use a small piece of sellotape to stick your newspaper pole together so it is secure.

4. Repeat steps 2 and 3, to make as many poles as needed for your design.

5. Build your design using the poles you have made. We recommend sticking 3 poles together in a triangle shape to make a strong base for your design. (If you are making a den, you can make lots of triangles and attach them altogether like in the photo above).

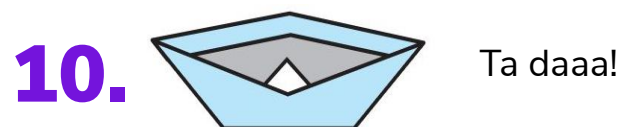
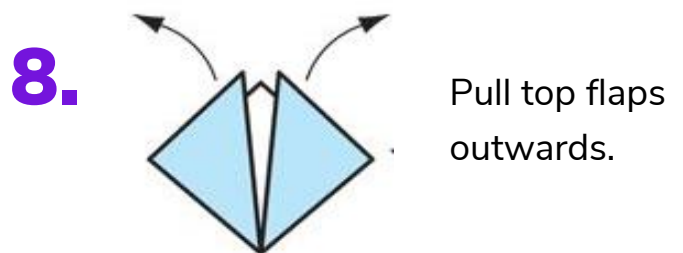
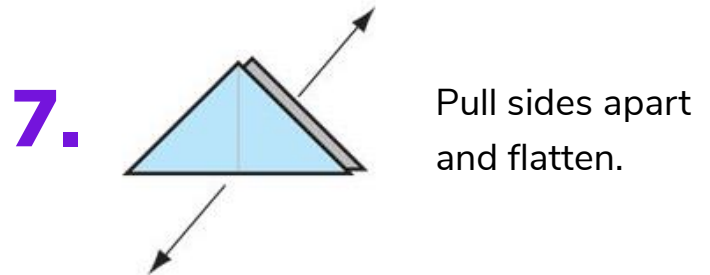
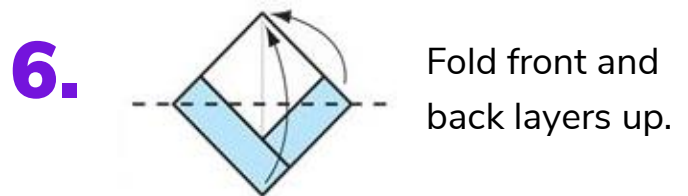
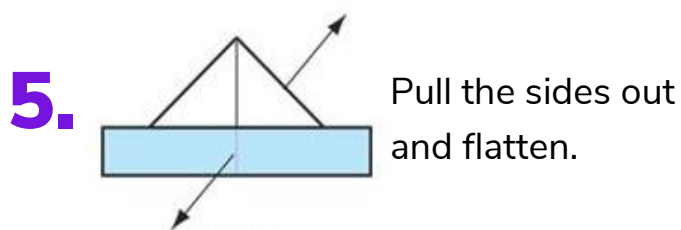
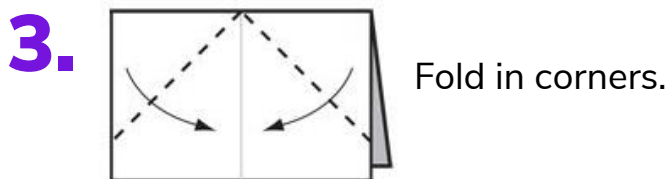
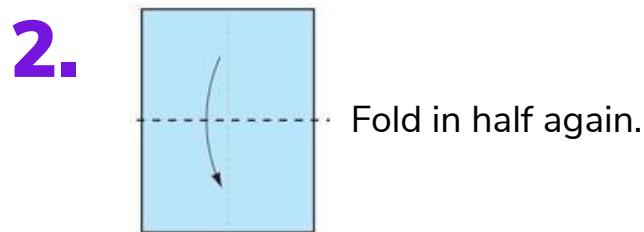
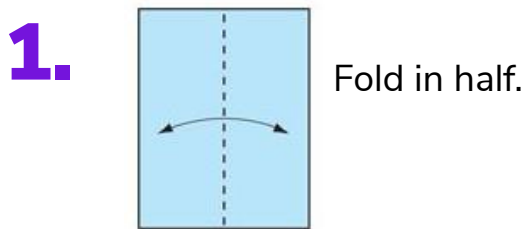
6. Decorate your model, perhaps with blankets, felt tips, toys or fairy lights. Make sure to share photos of your model with us on the event Facebook page!

Spring Thing

Origami Boat

Equipment List:

- One A4 piece of paper
- Half straw, sellotape, small piece of paper (optional for decorative flag)



You could decorate your boat using the half straw (left over from kite making) and sellotape to add a mast and some spare paper to create a flag.

Spring Thing

Paracord Woggle

Equipment List:

- 2 lengths of paracord
- Scissors
- A lighter or a candle (and something to light the candle)
- A tape measure



1. Choose which colour you would like to be your base. Cut this colour paracord to a length of 130cm. Fold it in half.
2. Wrap it around 2 of your fingers. Poke the 2 loose ends through the loop of your fold to form a slip knot around your fingers. Pull this to woggle size (about 2.5cm in diameter). Be careful not to pull too tightly – bigger hands be particularly careful and littler hands may need to use 3 fingers.)
3. Strand 'A' is the current left-hand strand. Strand 'B' is the current right-hand strand. If you get confused, it might help to pop a sticker or piece of tape on one of the ends so you can remember which is which.
4. Pick up strand B and place it **over** the two middle strands (the ones wrapped around your fingers). Make sure that when you do this, there is a loop made on the right-hand side.
5. Take strand A, and pop it **over** the end of strand B, keeping it on the left side of the two middle strands.
6. Pull strand A **underneath** the two middle strands (make sure it stays over strand B!).
7. Pull strand A up through the loop on the right-hand side (the one we created in step 7).
8. Pull both strands to tighten them around the middle two strands.
9. Now, we're going to do the same from the other side. Take strand B and place it **over** the middle two strands, making a loop on the left-hand side, just as you did in step 7.
10. Pick up strand A, place it **over** strand B.
11. Now, pull strand A **under** the two middle strands.

12

Poke it up through the loop created in step 12.

13

Pull both strands to tighten them around your centre strands.

14

Keep doing this until you are back to where you started.

15

Cut any left-over paracord as close to your woggle as you possibly can and use a lighter or candle to seal the ends. You can use (metal) scissors to flatten the ends. Note: please ask an adult to help you with this bit as it can be tricky.

Now for layer 2!

We're doing exactly the same as before, but this time rather than doing it over the two centre strands, we're doing it over our base layer (the woggle so far).

16

Pick up your second colour. Thread it through the middle of your woggle so that about half is on each side. Like last time, the current left-hand side thread is **strand 'A'** and the current right-hand side thread is **strand 'B'**.

17

Take **strand B**, place it **over** the base layer.

18

Take **strand A**, place it **over** **strand B**.

19

Pull **strand A** **under** the base layer.

20

Poke **strand A** through the loop created by **strand B**, from bottom to top.

21

Pull both ends so that your top-layer paracord is tight around your base layer.

22

Now we're going to do the same from the other side. Take **strand B** and place it **over** the base layer.

23

Pick up **strand A**, place it **over** **strand B**.

24

Poke **strand A** **under** the base layer.

25

Bring it back up through the loop created by **strand B**, from bottom to top.

26

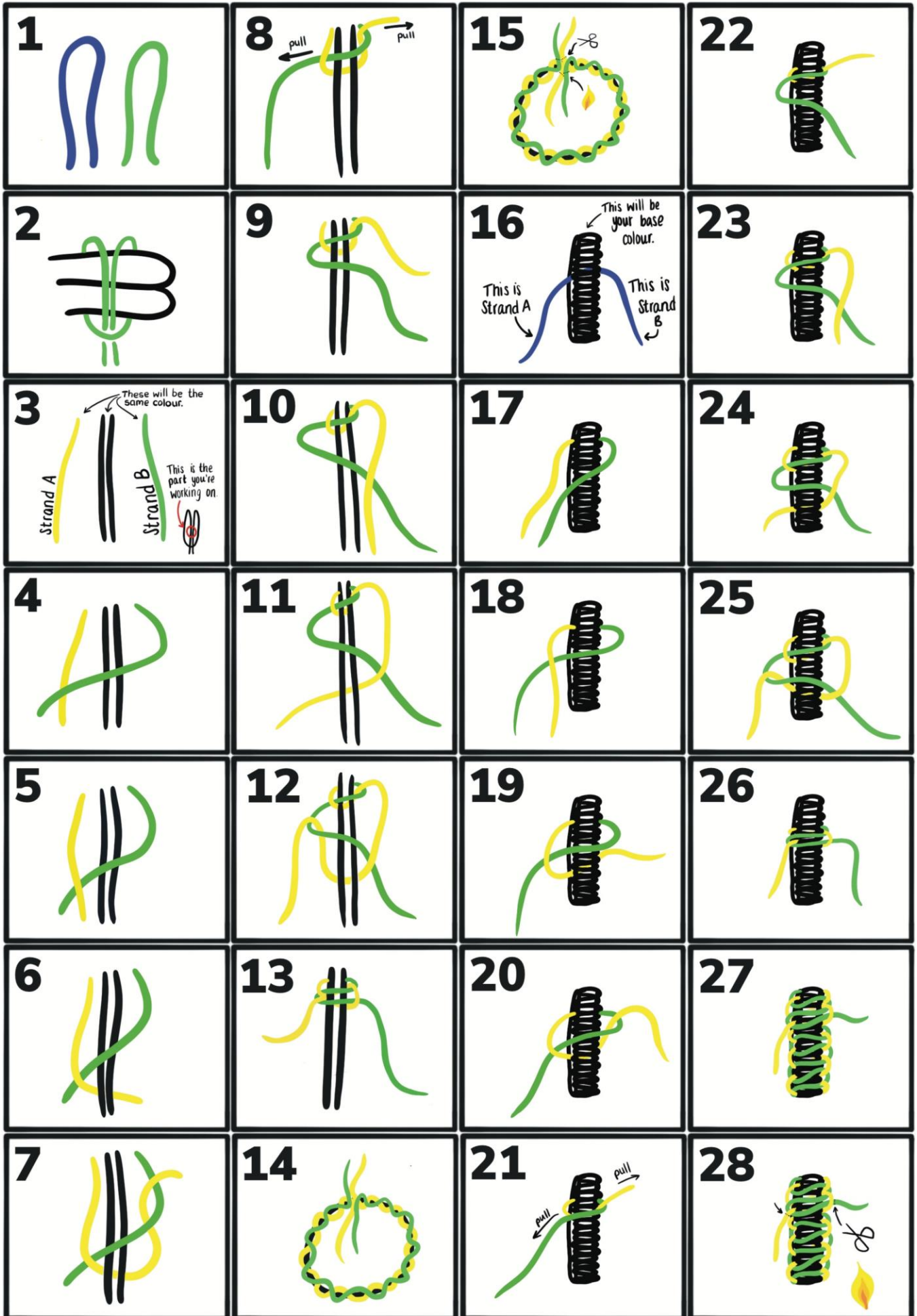
Pull both ends tightly.

27

Keep going until you get back to where you started.

28

Cut any left-over paracord as close to your woggle as you possibly can and use a lighter or candle to seal the ends. You can use (metal) scissors to flatten the ends. Note: please ask an adult to help you with this bit as it can be tricky. Wear your finished woggle with pride!

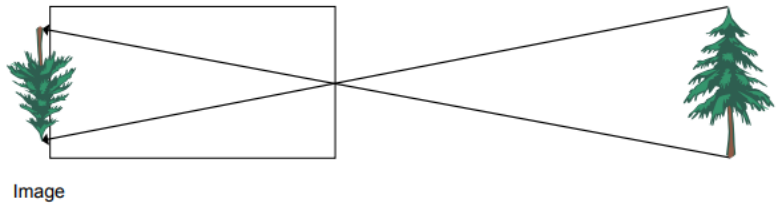


Spring Thing

Make A Pinhole Camera

Equipment List:

- 1 x Shoebox (with a rectangular hole cut out of either end)
- 1 x Drawing pin/needle
- Scissors
- Sellotape
- 1 x A5 sheet of black paper
- 1 x A5 sheet of tracing paper
- 1 x Jumper/Shirt



1.

Cut your piece of black paper so that it will cover one of the holes at the end of the shoebox.

2.

Cut your piece of tracing paper so that it will cover one of the holes at the end of the shoebox.

3.

Stick the black paper over one of the holes. Stick the tracing paper over the other hole.

4.

Using the drawing pin/needle, make **one** hole in the middle of the black paper.

5.

Put the lid back on the shoe box.

6.

If you point the pinhole towards something bright, you should be able to see an image on the tracing paper.

7.

To make it easier to see the image, you can put a jumper over your head and the back of the camera to block out the light.

How does it work?

Light travels in straight lines. The pinhole is so small that it only lets through single rays of light. The rays of light hit the screen (tracing paper) and make an image. The rays cross as they go through the pinhole, so the image is upside down.

Challenge!

You may want to challenge yourself to make a more complex pinhole camera that will capture an image – don't forget to share your photos with us!

Make sure you get an adult's permission and supervision when completing this activity.

Equipment List:

- Double sided sticky tape
- Black tape
- An aluminium can
- A needle
- A cork
- Pliers
- Fine sandpaper
- Strips of Velcro
- A dark space to photograph in
- Photographic paper
- Scissors
- Glue stick
- Stiff black card
- Ruler
- Pinhole camera template

1.

Use scissors to cut out the main camera template. Glue the cut-out template onto the black card, using a glue stick, then cut out the template again. Glue the parts that join on the template together.

2.

Use your scissors to score the dotted lines where the template folds. Fold along the dotted lines as shown.

3.

Cut a hole for the central shutter in the middle of the card. Try to make this as clean as possible, for a smooth shutter action.

4.

Cut a 3cm x 3cm square from the aluminium can with scissors. Use the sandpaper to wear the square clean and flatten it, with care.

5.

Clamp the pliers onto the sharp end of the needle and push the eye-end into the cork. Then, holding onto the cork, turn the sharp end of the needle against the centre of the metal square until the needle pierces through. The small hole created is the 'aperture,' which lets light enter the camera, like the pupil lets light into your eye.

6.

Using scissors, cut out the shutter and casing templates. Then cut the dotted hole in the middle of the shutter-casing template. Fold the shutter-casing edges inwards. The fold will hold the shutter when it's moved.

7.

Using the black tape, tape the metal plate to the inside of the camera box.

8.

Glue the edges and stick the camera box together. Use the double-sided tape to Velcro to the hinged back of the camera, so that it can be opened or closed. Then glue the cut-out shutter over the pinhole. The shutter should slide in the shutter casing to reveal or hide the pinhole.

9.

Move your camera to your dark workspace. Check that all the joins are well sealed. Open the back of the camera and put some photographic paper inside, with the shutter in the closed position. You can tape around the edges with black tape to seal any gaps.

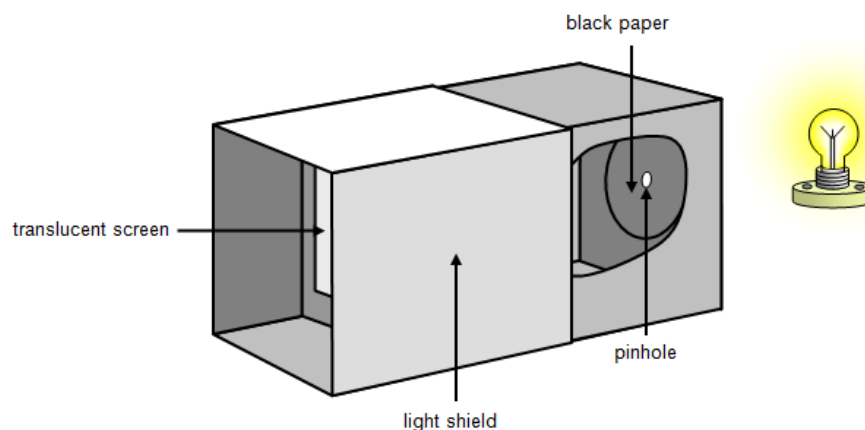
10.

Choose a subject to photograph and place in a well-lit space with nothing else around it. Make sure the camera pinhole is pointed at the subject and is secure, as the exposure time will be relatively long and the camera needs to be still so the picture doesn't blur. Open the shutter for between 20 and 30 seconds, then close it. The light allowed in should become the image on the photographic paper.

11.

Experiment with the camera to see how to achieve the best photo.

Leaving the shutter open longer allows more light in and could 'over-expose' the photo, which makes the picture look washed out. Not leaving the shutter open long enough allows less light in and could 'under-expose' the photo, which makes the picture look too dark.



Spring Thing

Pizza Making



There are so many ways to make pizza! Whether you make the quick and easy pitta pizzas or have a go at making your own dough to become a true pizzaiolo, we're sure you'll come back for more.

Pizza is made of three simple components and each of these can really be anything you like. They are:

1. **The Base** - A Pizza base doesn't have to be made of fresh dough, you could use Pitta bread, tortilla wraps, white bread or maybe for a healthy alternative cauliflower!
2. **The Sauce** - Traditionalists would say tomato, but BBQ sauce is just as good, or if fusion food is your thing why not add curry sauce!
3. **The Toppings** - We think cheese is a must, but sliced meats, vegetables, salad leaves and even eggs can go on top!

Whatever you decide to make, remember, these recipes are a guide to get you started, add more or less of the ingredients depending upon what you like and what is suitable for any dietary requirements you or your family/household may have. Ensure you have adult supervision for this activity, as it involves the use of sharp knives and hot items.

Pitta/Tortilla Wrap Pizza

Ingredients List (for 1 pizza):

- 1 x large pitta bread/tortilla wrap
- 1 tbsp of tomato puree/sauce of choice (add more/less to suit your taste)
- 15g grated cheese of your choice (enough to cover)
- Extra toppings of your choice (e.g. ham, salami, mushrooms, peppers, sweetcorn, rocket, mixed herbs)

1. Wash and dry your hands.
2. Turn the grill onto medium (or for a crispier base use the oven at 200°/gas mark 6). Make sure to ask an adult for help if needed!
3. Spread your sauce of choice over the pitta bread or tortilla wrap.
4. Add any extra toppings onto the pizza – what will you choose?
5. Sprinkle over your cheese of choice.
6. Cook under the grill or in the oven until the cheese is melted and bubbly.
7. Remove from the grill/oven (ask an adult to help if needed) and turn this off. Eat and enjoy! Don't forget to clean up too!

Pizza Sauce

You don't have to make your own sauce; you can buy some great ones in a jar!

Ingredients List:

- 1 x 400g can of chopped tomatoes
- 1 clove of garlic
- Pinch of salt
- Pinch of sugar
- Herbs (to taste – classics include oregano and basil)

1. Wash your hands.
2. Add all of the ingredients into a blender or food chopper.
3. Blend together until smooth.
4. If you prefer a 'rustic' sauce – chop the garlic finely, then add everything to the chopped tomatoes.

Easy Pizza Dough

Ingredients List (makes 2 pizza bases):

- 220g self-raising flour
- 90g water
- Pinch of salt
- 1 tbsp of olive oil (or any cooking oil you have)

1. Wash your hands.
2. Mix all of the ingredients in a bowl (or you can do this in a food processor).
3. Once a 'shaggy' dough has formed, tip it out onto a lightly floured work surface.
4. Knead the dough lightly, until it comes together.
5. Divide into 2 dough balls.

Real Pizza Dough

Ingredients List (makes 4 pizza bases):

- 500g strong white bread flour
- 325ml lukewarm water
- ½ tsp salt
- 1 x 7g sachet of dried yeast
- 1 tsp sugar
- 2 tbsp of olive oil (or any cooking oil you have)

1. Wash your hands.
2. Sieve the flour and salt on to a clean work surface and make a well in the middle.
3. In a jug, mix the yeast, sugar and oil into 325ml of lukewarm water and leave for a few minutes, then pour into the well.
4. Using a fork, bring the flour in gradually from the sides and swirl it into the liquid. Keep mixing, drawing larger amounts of flour in, and when it all starts to come together, work the rest of the flour in with your clean, flour-dusted hands.
5. Knead for 10 minutes until you have a smooth, springy dough. It might be quite sticky but keep going!
6. Place the ball of dough in a large flour-dusted bowl and flour the top of it. Cover the bowl with a damp cloth and place in a warm room for about an hour or until the dough has doubled in size.
7. Now remove the dough to a flour-dusted surface and knead it around a bit to push the air out with your hands – this is called knocking back the dough. You can either use it immediately, or keep it, wrapped in clingfilm, in the fridge (or freezer) until required.
8. If using straight away, divide the dough up into as many little balls as you want to make pizzas – this amount of dough is enough to make about 3 or 4 medium pizzas.
Timing-wise, it's a good idea to roll the pizzas out about 15 to 20 minutes before you want to eat.

Frying Pan Pizza

Ingredients List (makes 1 pizza):

- 1 x pizza dough ball
- 3 x tbsp of sauce (enough to cover the base)
- 20g grated cheese of your choice
- Extra toppings of your choice ((e.g. ham, salami, mushrooms, peppers, sweetcorn, rocket, mixed herbs)

1. Wash your hands.
2. Place a non-stick frying pan over medium heat on the hob. Turn on your grill to medium. Ask an adult for help if you need it.
3. Roll out your pizza dough on a floured surface.
4. Add a little bit of oil to coat the base of your frying pan. Drop your pizza base into the hot frying pan. Ask an adult for help if you need it.
5. Now work quickly to build your pizza in the pan – add your sauce, cheese, and toppings.
6. Use a spatula to check how crispy the base is, once it is as crispy as you would like, place the pan under the hot grill to melt the cheese.

- 7.** Remove the pizza pan from the grill when the cheese is melted. Slide the pizza out of the pan and onto a cutting board. Eat and enjoy!

Oven Baked Pizza

Ingredients List (makes 1 pizza):

- 1 x pizza dough ball
- 3 x tbsp of sauce (enough to cover the base)
- 20g grated cheese of your choice
- Extra toppings of your choice ((e.g. ham, salami, mushrooms, peppers, sweetcorn, rocket, mixed herbs)

- 1.** Wash your hands.
- 2.** Preheat your oven to 220° or gas mark 7. (Do this about 20 minutes before you want to cook, to make sure the oven is hot). Ask an adult for help if you need it.
- 3.** Roll out your pizza dough on a floured surface. Place your pizza base onto a baking tray.
- 4.** Apply a thin layer of sauce to your pizza, using a spoon to help spread it out.
- 5.** Sprinkle over your cheese and add any extra toppings you want.
- 6.** Bake in the oven for 10-15 minutes, until the cheese is melted and the base is crispy.
- 7.** Remove from the tray and slide the pizza onto a cutting board. Eat and enjoy!

Spring Thing

S'mores Making

Why don't you have a go at making your own s'mores and enjoy them during our campfire?

There are a few ways of making s'mores when we are at home; with an adult's permission and supervision you can toast the marshmallows over a tealight or real fire. Or you could try one of our methods below.

Grilled S'mores

Ingredient List:

- 2 x Digestive/Rich Tea biscuits
- 4 x Squares of your favourite chocolate
- 2 x Marshmallows



1. Place a digestive biscuit onto a baking tray, stack 4 squares of chocolate and two marshmallows on top of it.

2. Turn your grill onto a high heat. Ask an adult for help if you need it.

3. Place the baking tray under the grill until the marshmallows toast and the chocolate starts to melt.

4. Remove the tray from under the grill. Stick a second biscuit on top and make a sandwich. Eat it warm and enjoy, but be careful of the hot marshmallow!

S'mores Cones

Ingredient List:

- Ice cream cones (we recommend waffle cones)
- Mini marshmallows
- Chocolate chips
- Extra fillings (such as small chunks of strawberry or banana)



1. Stuff your ice cream cones with a variety of mini marshmallows, chocolate chips and any extra fillings you choose.

2. Wrap your cones in tin foil and make sure they are really secure, so no fillings can escape.

3. Place them on a tray under the grill (or in the embers of a fire) for a minute, just long enough to let the chocolate and marshmallows melt.

4. Ask an adult to remove them from the grill (or fire) and unwrap the foil. Eat it warm and enjoy but be careful of the hot fillings!

Spring Thing

Soap Carving

Equipment List:

- A bar of soap
- A pencil
- A butter/table knife (you do not need a sharp knife for this activity)
- Scrapers and peelers (you can use teaspoons, potato peelers, scissors, a paperclip and other similar objects)

1.

Draw your design onto both sides of the soap using your pencil.

2.

Use a knife to cut the corners off the bar of soap. Ask an adult for help if you need it.



3.

Carefully scrape away at the edges of the soap and use a potato peeler to smooth the edges. Make sure you turn the bar over to do both sides.



4.

Use various tools to carefully cut, scrape and twist into the soap to make your design. Use a paperclip to add small details and markings.



Spring Thing

Tin Can Lantern

Young People may need supervision in this activity when washing, freezing, hammering, and lighting the tealight.

Equipment List:

- One tin (we recommend using one opened using a ring-pull)
- Hammer
- Nail (or suitable alternative)
- Candle/torch



1.

Save a tin to make your lantern with (e.g. an empty baked bean tin). Carefully wash it and remove any paper from the outside. Be careful not to cut your fingers on the sharp edge where the lid was removed.

2.

Fill your tin with water, and pop it in the freezer. Make sure it's upright and close the freezer door firmly. (Note: Please check with you adult before removing anything from the freezer.)

3.

Draw or print your lantern design on a piece of paper.

4.

Once frozen, remove your tin from the freezer. Put it on a tea towel and wrap the towel around it to hold it in place. You could also ask someone to hold it for you.

5.

Wrap the paper with your design on around your tin. Secure with tape if needed.

6.

Place the pointy end of your nail where you want to make a hole. Hold it in place and carefully (gently!) hammer it until you've pierced the tin. Make sure all fingers are kept clear of the hammer and sharp end of the nail. Continue making holes until your design is complete.

7.

Remove the paper and ice (run it under warm water), pop your candle/torch inside. Be careful when lighting candles – longer matches and an adult may be helpful.

Bonus Challenge: If you want to, you could add two holes to the top, and secure a piece of wire in them to hang your lantern.

Spring Thing

Create A Volcano

Option 1

Equipment List:

- A small plastic drinks bottle
- Warm water
- Washing up liquid
- Bicarbonate of soda
- Vinegar
- Food colouring
- A tray to stand the volcano on
- Cleaning equipment for the mess!



1.

Stand the bottle on the tray – we recommend doing this outside as it can be messy!

2.

Fill the bottle most of the way full with warm water and a few drops of food colouring (red/orange is preferable).

3.

Put 6 drops of washing up liquid into the bottle.

4.

Add 2 tbsp of bicarbonate of soda to the bottle.

5.

Slowly pour vinegar into the bottle.

6.

Stand back and watch the eruption!

Option 2

Equipment List:

- Plastic drinks bottle
- Diet Coke (must be diet)
- Pack of Mentos mints (must be mint flavour)
- A tray to stand the volcano on
- Cleaning equipment for the mess!



1.

Stand the bottle full of diet coke on the tray – we recommend doing this outside as it can be messy!

2.

Drop in 3 or 4 mentos mints into the diet coke (the more mentos – the bigger the eruption!)

3.

Stand back and watch the eruption! (Make sure you help your adult tidy up after!)

Spring Thing

Take Part In A Wide Game

Equipment List:

- Glow sticks



1.

The young person hides somewhere safe, where they cannot hear or see what their supervising adult is doing.

2.

The supervising adult hides the illuminated glow sticks around the house or garden.

3.

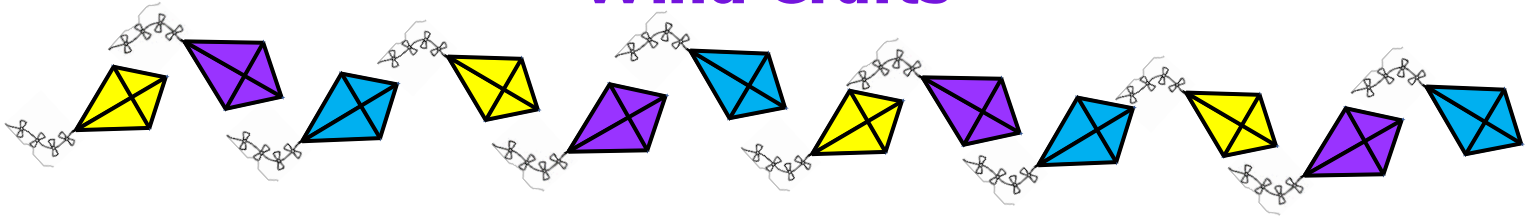
The supervising adult tells the young person where they can go; identifying/reminding them of any hazards or areas they cannot go to/in.

4.

The young person goes in search of the glow sticks.

Spring Thing

Wind Crafts



Wind Twirler

Equipment List:

- Paper plate
- Felt tip pens
- Scissors
- Sellotape
- String



1.

Turn the paper plate over and starting in the centre, draw a curved line in concentric circles (in the shape of a curled-up snake!).

2.

Decorate the plate with a colourful design – the brighter the better!

3.

Using scissors, carefully cut along the line you have drawn, round and round until you get to the centre.

4.

Using sellotape, secure a long piece of string to the circle in the middle of the plate.

5.

Your twirler is ready to hang up indoors or outside.

6.

To make it extra spectacular you can colour the other side of the plate too!

Kite

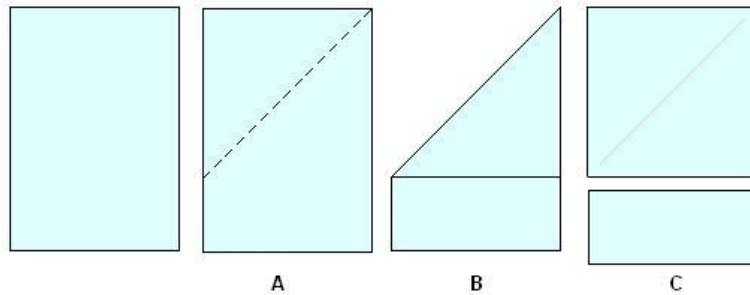
Equipment List:

- A4 piece of coloured paper
- Scissors
- Felt tip pens
- 3 paper straws
- Sellotape
- String



1. Take the top left corner (Fig A) of your piece of paper and fold it over so it meets the right-hand edge and creates a triangle (Fig B).

2. Using scissors, cut off the 'spare' piece of paper at the bottom (Fig C), but do not throw it away as you will need it later!



3. Open the triangle up and you will have a square. Turn the square around so you have a diamond shape, with the crease going from the top to the bottom.

4. This is your kite, so decorate it however you like!

5. Take 3 paper straws and cut 2 of them in half with scissors.

6. Turn your kite over and using sellotape, secure the long straw to the top edge of the diamond (at the top of the crease). You will also need to attach half a straw to the bottom of the crease, so the whole crease is covered.

7. Take 2 of the remaining half straws and hold one either side of the top of the long straw. Move them down the kite until the ends of the straws touch the edge of the paper and secure them in this position with sellotape. (Don't throw away the remaining half straw – you need this for the mast in your origami boat!)

8. Take a long piece of string and tie it (or secure it with sellotape) to the long straw at the point where the straws meet.

9. To add a tail to your kite – take the spare piece of paper and around 2cm from one end (doesn't matter which) cut upwards until approximately 2cm from the top. Turn the paper round so that part you have just cut is at the bottom, then cut upwards again to 2cm from the top. Keep doing this until you get to the centre of the paper.

10. Decorate your kite tail. Then use sellotape to attach the smaller end of the tail to the bottom of your kite.

11. Have fun flying your kite!

Paper Helicopter

Equipment List:

- A5 piece of paper
- Scissors
- Pencil
- Paperclip

1.

Take your piece of paper and fold it in half, so the shortest edges touch. Open it up and using scissors cut the paper in half along the crease.

2.

Fold one of the pieces of paper in half again, this time with the longest edges touching. Open it up and cut the paper in half along the crease.

3.

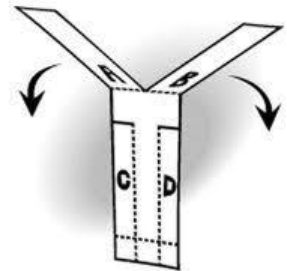
Fold one of the pieces of paper in half again, this time with the shortest edges touching.

4.

Open it up and place the paper in front of you with the shortest edge at the top and bottom. Using a pencil draw a line about $\frac{1}{2}$ cm above the crease and then draw another line about $\frac{1}{2}$ cm below the crease, so that the crease is in the middle of the 2 lines.

5.

With the shortest edge still at the top and bottom, from the top of the paper to the first line draw a line down the middle of the paper.



6.

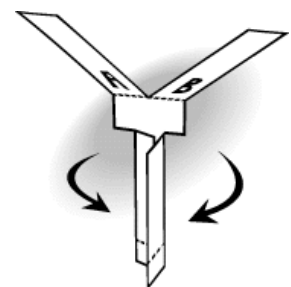
Cut along this line then fold one half of the cut paper forward and the other half backward (A & B on the diagram).

7.

Turn the paper round and draw 2 lines from the top of the paper to the first middle line so you are dividing the paper into thirds (C & D on the diagram).

8.

Turn the paper so the longest side is at the top and bottom then on the side that has been divided into 3 sections cut along the centre line from the bottom of the paper until you reach the first horizontal line then fold the flap you have created inwards.



9.

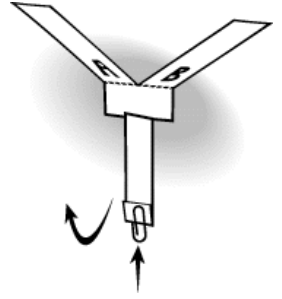
Turn the paper round so the flap is at the top and again, from the bottom of the paper, cut along the centre line until you reach the first horizontal line and fold this flap inwards. (You are folding C & D into the centre).

10.

Take the bottom of the folded paper and fold it up about 1cm. Secure with a paperclip to add some weight.

11.

You have a helicopter! Throw it up into the sky to see it fly. If you have an adult to supervise you, try standing on a chair or the top of the stairs to launch it and watch it spin.



Spring Thing

Make A Yoghurt Pot Man

Equipment List:

- 16 small yoghurt pots
- 2 larger yoghurt pots (or similar)
- String
- Cress seeds
- Soil/compost
- Scissors
- Something to draw on the yoghurt pots with



- 1.** Wash and dry your yoghurt pots before use.
- 2.** Ask a supervising adult for help (as appropriate) and pierce a hole in the middle of each yoghurt pot base.
- 3.** Get 4 yoghurt pots and turn them upside down.
- 4.** Get a piece of string and feed it through the open side of the yoghurt pot, through the hole in the base.
- 5.** Feed that string through the open side of the second yoghurt pot and through the hole in its base.
- 6.** Repeat step 4 with the third and fourth yoghurt pots. Leave some spare string and then cut it.
- 7.** Make sure you tie a knot in both ends of the string.
- 8.** Repeat steps 3 to 7, with the other 3 sets of 4 yoghurt pots. This will make 2 legs and 2 arms!
- 9.** Take the largest yoghurt pot and turn it upside down. Using a piece of string, feed it through the open side of the large yoghurt pot, through the hole in its base. Then feed this through the hold in the base of the remaining yoghurt pot (this one should be the right way up).
- 10.** This is the head and body of Yoghurt Pot Man. Leave plenty of string at the top of the head (to be able to hang him up) and make sure you tie a knot at either end of the string.

11.

Tie the string at the top of the legs to the string at the base of Yoghurt Pot Man's body (or you could use sellotape).

12.

Tie the string at the top of the arms, to the string at the base of Yoghurt Pot Man's head (or you could use sellotape).

13.

Draw or paint a face on Yoghurt Pot Man's head.

14.

Fill the head with soil or compost and sow the cress seeds.

15.

Hang Yoghurt Pot Man up and don't forget to water him to see his hair grow!

Challenge : Tin Can Man

You may want to challenge yourself to make a similar seed headed man, but instead made from tins!

Make sure you get an adult's permission and supervision when completing this activity.

Equipment List:

- 11 tin cans (1 for the head, 2 x 2 for the arms, 2 x 3 for the legs)
- 1 larger tin can (for the body)
- String
- Cress seeds
- Soil/compost
- Hammer
- Nail (or similar)



1.

Wash and dry your tin cans before use. (Be careful of sharp edges)

2.

Carefully use a nail and hammer, to pierce a hole in the bottom of each tin can base. Ask a supervising adult for help (as appropriate). Make sure all fingers are kept clear of the hammer and sharp end of the nail.

3.

Follow the instructions above to make tie the cans together to make 2 arms and 2 legs.

4.

Pierce holes in the side of the large can using a nail and hammer (with help as needed from an adult). Then attach the arms, legs, and a head into the body.

5.

Ensure everything is tied securely in place.

6.

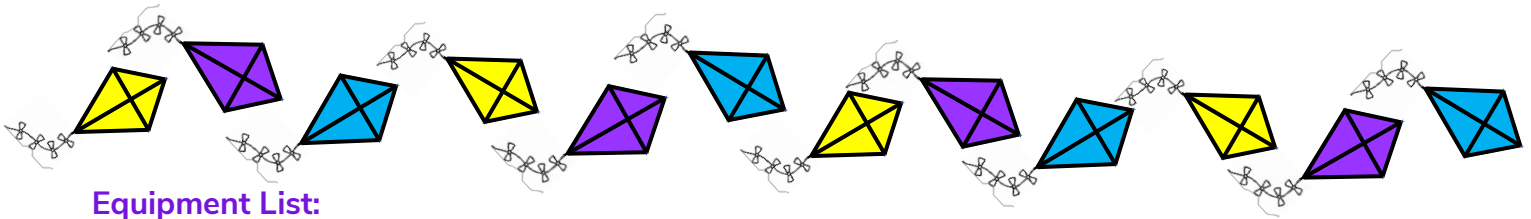
Fill the head with soil or compost and sow your seeds of choice.

7.

Hang your Tin Can Man up and don't forget to water him to see his hair grow!

Spring Thing

Zip Line Balloon Rocket



Equipment List:

- 1 balloon (round ones will work, but the longer 'airship' balloons work best!)
- 1 long piece of kite string (around 10-15 feet long)
- 1 plastic straw
- Sellotape

1.

Tie one end of the string to a chair, door knob or other support.

2.

Put the other end of the string through the straw.

3.

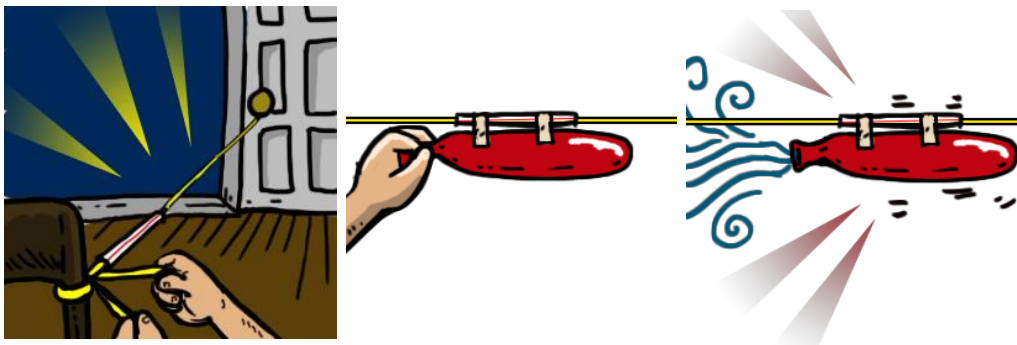
Pull the string tight and tie it to another support in the room.

4.

Blow up the balloon (but don't tie it). Pinch the end of the balloon and tape the balloon to the straw as shown in the picture.

5.

You are ready for launch. Let go of the balloon and watch the rocket fly!



So how does it work?

It's all about the air...and thrust. As the air rushes out of the balloon, it creates a forward motion called THRUST. Thrust is a pushing force created by energy. In the balloon experiment, our thrust comes from the energy of the balloon forcing the air out. Different sizes and shapes of balloon will create more or less thrust. In a real rocket, thrust is created by the force of burning rocket fuel as it blasts from the rockets engine – as the engines blast down, the rocket goes up!

Why not try and make it an experiment? You can try answer these questions:

1. Does the shape of the balloon affect how far (or fast) the rocket travels?
2. Does the length of the straw affect how far (or fast) the rocket travels?
3. Does the type of string affect how far (or fast) the rocket travels? (try fishing line, nylon/cotton string, etc.)
4. Does the angle of the string affect how far (or fast) the rocket travels?

Take some notes and plan your day!

Take some notes and plan your day!

Thank You

This event simply wouldn't happen without our incredible volunteer team. They have driven this event and delivered everything you've seen today. Without all of their time, dedication and hard work, we couldn't all be here enjoying it today.

To give you some idea of the scale, here's a huge THANK YOU to all that have helped (and to all of those who we don't even know about at the time this goes to print)!

Our Event Team:

Susannah, Naomi, Carrie, Becky, Darren, Jack and Carol

Our Media Team:

Vicky, Shawn and Lewis

Our Admin Team:

Cathryn and Carrie

Our Bag Packers, Delivery Drivers & Collection Point Volunteers:

Carol, Ted, Becky, Kath, Graham, Alison, Anna, Darren, Helen, Susannah, Mick, David, Joyce, Max, Callum, Cathryn

Our Video Stars:

Naomi, Carrie, Becky, Jon, Woody, Lily, Tom, Jack, Carol, Susannah

Our Evening Entertainment Performers:

Bungle, Gareth, Ken, Marion

Thank you to all our leaders who have not only advertised the event and encouraged you to sign up, but also to those who have coordinated their section bookings or even turned the event into a Group event too!

And a HUGE thank you to all of you and your families for accessing and joining in with this event.

It has been incredible to see you all enjoy the day and we have loved seeing all of your posts about what you've got up to!

We hope you all loved the event and enjoy the rest of your weekend!



Scouts

Central Yorkshire



**We hope you enjoy the
day and have fun!**

Any queries please email becky.burrell@cycscouts.org.uk