

**SCOUT ZOOM ACTIVITIES**  
**(Feb – April 2021)**

## FIRE SAFETY – 04/03/2021

- Tonight's activity will be based on the Fire Safety Activity badge.
- Please watch this video on Fire Safety:

<https://www.youtube.com/watch?v=3yJtSSovwJM>



# FIRE SAFETY : DIY FIRE EXTINGUISHER

- For the following task you will need:
  - Tea pot (or a jug with a lid or a jug with tin foil)
  - Matches / lighter
  - Bicarbonate of soda, White vinegar, Tea lights (*From your activity pack*)



# FIRE SAFETY : DIY FIRE EXTINGUISHER

## Method:

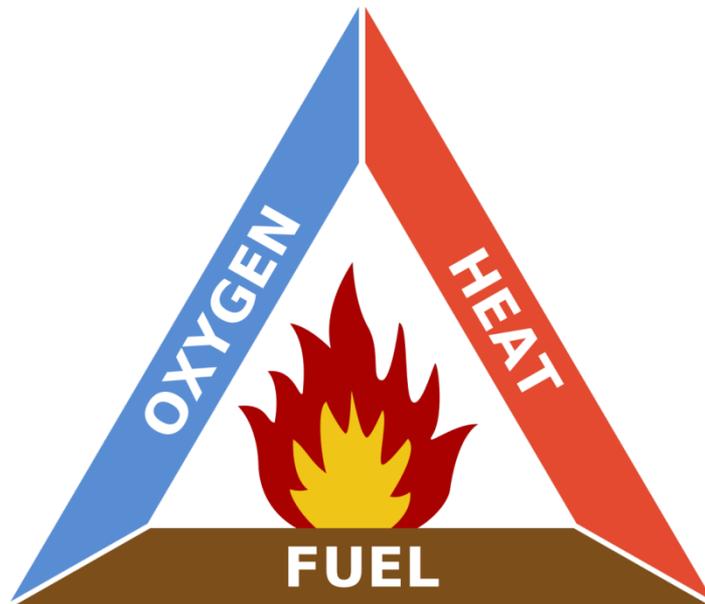
1. Light your tea lights using a match or lighter
2. Pour your bicarbonate of soda into your teapot or jug
3. Then add your vinegar and watch the reaction
4. Put the lid on the teapot / jug.
5. Next you will need to hold the spout of your teapot or jug over the flame of your tea lights, the gas created should blow out the flame, **DO NOT POUR THE LIQUID ONTO THE FLAME (S).**



# FIRE SAFETY : DIY FIRE EXTINGUISHER

Discussion / Conclusion:

- What gas do you think this reaction created?
- Why did this expel the flame?



## FIRE SAFETY : DIY LAVA LAMP

- For the following task you will need:
  - Vegetable Oil (400ml)
  - Plastic Bottle (500ml)
  - Water (50ml)
  - Food colouring and Alka Seltzer (*From your activity pack*)



# **FIRE SAFETY : DIY LAVA LAMP**

## **Method:**

- 1. Pour 400ml of vegetable oil into your plastic bottle**
- 2. Next add 50ml of water to the vegetable oil**
- 3. Now add a few drops of food colouring to your mixture**
- 4. Once you have done this you can add the Alka Seltzer tablet (you may need to break this in half depending on the size of your bottle top)**
- 5. Watch as the reaction creates a lava lamp effect**



# CHROMATOGRAPHY FLOWERS –

## 11/03/2021

For the following task you will need:

- Marker pens / felts
- Cup or Glass
- Water
- Scissors
- Tape
- Coffee Filters and wooden sticks (*From your activity pack*)



# CHROMATOGRAPHY FLOWERS

## Method:

1. In the centre of your first coffee filter draw some circles, this can be done in any colours of your choice, you can also draw a pattern so that the colours mix if you like.
2. Next fold the filter in half, then in half again to form a cone like shape, next keep your pointed end together but fan out the top of the filter so it looks like a funnel.
3. Next fill your cup / glass with a tiny bit of water.
4. Then put your funnel shaped filter into the glass, so the point is **JUST** touching the water, don't submerge it in the liquid.
5. Leave this for around 20 – 30 minutes and the ink should make it's way up the coffee filter.
6. You can now cut the edges to form a flower shape and using your sticky tape you can stick it to your wooden stick so it looks like a flower.

Pictures / Instructions can be found here:

<https://buggyandbuddy.com/spring-science-activity-for-kids-chromatography-flowers/>



## **BOOK BAGS – 18/03/2021**

**For the following task you will need:**

- **Sticky tape**
- **Coloured pens / pencils**
- **A3 Card (*From your activity packs*)**
  
- **You will also need to find some items around your home once this task has been completed but they are your choice.**



## **BOOK BAGS – 18/03/2021**

**For the following task you will need:**

- **Sticky tape**
- **Coloured pens / pencils**
- **A3 Card (*From your activity packs*)**
  
- **You will also need to find some items around your home once this task has been completed but they are your choice.**



# BOOK BAGS

## Method:

- Choose a book you've enjoyed reading, it could be your favourite one or one you've read recently
- You are going to decorate your A3 card by drawing your favourite things included in the book, it could be your favourite character, the part you liked the most or you can re-create the cover!



# BOOK BAGS

## Build your bags

- Turn your sheet of A3 paper over so that the blank, undecorated side is facing upwards.
- Fold the short edges inwards, so that they overlap slightly.
- Secure in place with tape.
- Fold up the bottom end of the paper.
- Open up this bottom flap, so that the inside of the paper is revealed. Fold the left and right edges in, and then the top and bottom edges.
- Secure it with tape. You could also stick a strip of scrap card over the folds to make it sturdier.

Follow the video instructions here:

<https://www.scouts.org.uk/activities/book-in-a-bag/>



## BOOK BAGS

- Select five items that feature in, or represent, your chosen book. You don't have to give these items away, so you can use your own possessions or things you've found at home. Make sure to check with a parent or guardian before borrowing anything. They need to be small enough to fit in your bag. To help you pick your items, you might want to consider:
  - objects or equipment used by the main character(s)
  - items that represent key events
  - things that symbolise how characters feel about themselves
  - things that symbolise how characters feel about other people
  - items that could demonstrate important theme



## SCIENCE MAGIC – 25/03/2021

For the following tasks you will need:

- A 500ml plastic bottle
- Balloon, 1 teaspoon of baking powder, 3 tablespoons of white vinegar (*From your activity pack*)
- A glass jar and lid
- An egg
- 300ml Vinegar



# SCIENCE MAGIC – 25/03/2021

## Self inflating balloon:

1. Scoop your bicarbonate of soda into your plastic bottle
2. Next, carefully pour your white vinegar into your balloon
3. Carefully stretch the end of the balloon you would usually use to inflate it over the top of your plastic bottle
4. The vinegar should then pour from the balloon into the bicarbonate of soda creating a reaction
5. Your balloon should then start to inflate on its own



# SCIENCE MAGIC – 25/03/2021

## Disappearing egg shell:

1. Fill your jar about an inch from the top with vinegar
2. Place your egg inside
3. Loosely tighten the lid (not fully) onto your jar and leave in a safe place
4. The vinegar should dissolve the egg shell, leaving you with just the inside of the egg
5. This might take a few hours so be patient



## **BADGE WORK FROM HOME - PHOTOGRAPHER**

Over the two weeks of your Easter break we have set an optional task that will allow you to earn your Photographers badge. On the next slide you will see a list of things we would like you to photograph. Remember to be as creative as you can; using props, different lighting or any other gadgets you have.

Once you have done this please ask an adult to email or Facebook message your photographs to a leader. You can also create a Powerpoint to display them all if you'd prefer.



# BADGE WORK FROM HOME - PHOTOGRAPHER

- Portrait e.g. a picture of a family member, pet etc.
- Landscape e.g. your favourite view in your local area
- Favourite colour
- Low lighting
- Bright light
- Close up
- An emotion
- Selfie
- Spell your name (multiple pictures, or multiple items in one picture)
- Reflection or water

