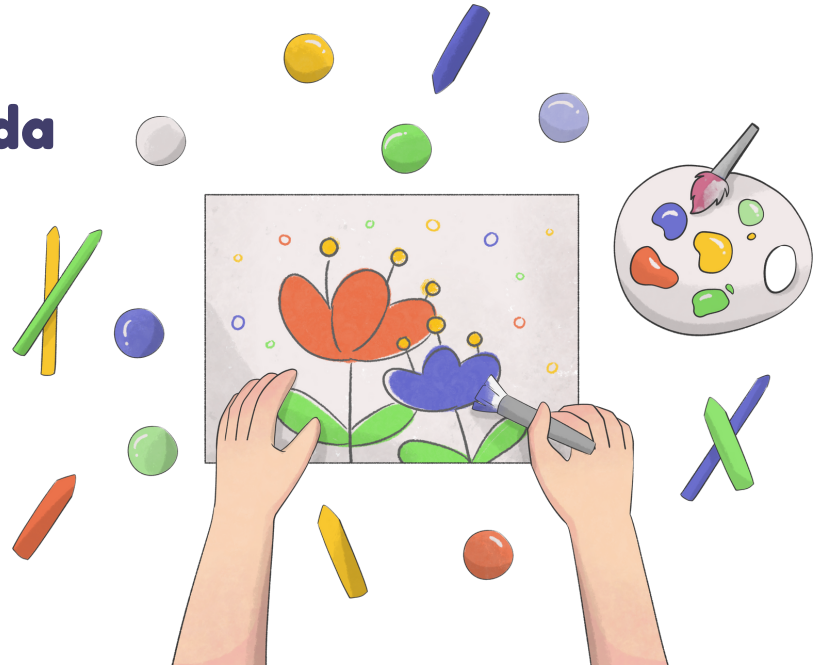




## **FIZZY PAINT**

### **WHAT YOU'LL NEED:**

- **Bicarbonate of soda**
- **Vinegar**
- **Paint**
- **Paint brushes**
- **Droppers**
- **Test tubes**
- **Bowls**
- **Card/cardboard (leftover boxes)**



### **WHAT YOU'LL NEED TO DO:**

**Pour some bicarb into the bowls. Pour some vinegar into the test tubes and add a different coloured paint into each one. Use the droppers to pour the coloured vinegar into the bicarb in the bowls and watch it fizz up. You can then use this fizzy paint to create a picture on the card.**



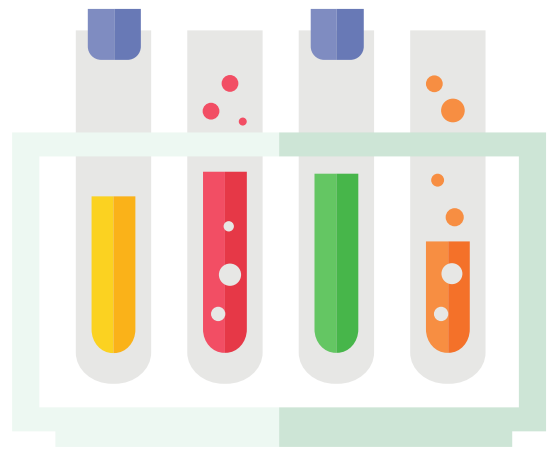
# DISCOVERY PLAYTIME PRINTABLES

## PLAYFUL SCIENCE EXPERIMENTS

### COLOUR MIXING

#### WHAT YOU'LL NEED:

- Test tubes
- Droppers
- Measuring cups
- Clear bowls/ cups
- Primary coloured paint (red, yellow, blue)



#### WHAT YOU'LL NEED TO DO:

Place a small amount of water into each test tube. Squirt a small amount of primary coloured paint into each test tube and mix it. Use the droppers to take the coloured water from the test tubes and place it into the bowls. Start mixing the coloured paints to see what new colours you can create. Use the measuring spoons to guess and test how much of each colour you will need to make a new colour. Can you guess what colour you can make? What colours do you need to mix?



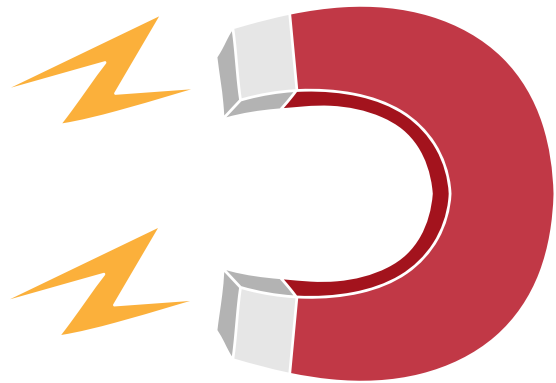
# DISCOVERY PLAYTIME PRINTABLES

## PLAYFUL SCIENCE EXPERIMENTS

# MAGNET EXPLORATION

### WHAT YOU'LL NEED:

- **Magnet movers set**
- **Various surfaces (e.g table, chair, paper, cardboard)**



### WHAT YOU'LL NEED TO DO:

- > **Explore with the large magnets in the set and observe how they can move the small magnets easily along the surface. I wonder if the magnets will work THROUGH a surface?**
- > **Place the small magnetic counter under a piece of paper and see if you can still move and manipulate it with the large magnet on top. Repeat this on other surfaces throughout your home, cardboard, a table.**
- > **Those are all off the top of my head, if you need anymore ideas let me know and I'll do some more research!**

**Magnet Movers Set:**

<https://discoveryplaytime.ie/products/magnet-movers>



# DISCOVERY PLAYTIME PRINTABLES

## PLAYFUL SCIENCE EXPERIMENTS

### SINK OF FLOAT

#### WHAT YOU'LL NEED:

- Large clear bowl/ container
- Various items from your home & outside. e.g toy cars, stones, twigs, small cutlery or bottle tops. Make sure they are waterproof
- A notepad to record your findings (optional)



#### WHAT YOU'LL NEED TO DO:

- > Take time to go on a scavenger hunt around your house and outdoors looking for items that you could put in water to see if it will sink or float.
- > Lay all the items you collected over the table and make predictions on whether you think they will sink or float in the container of water.
- > How do the items feel? Are they heavy or light, do they have any holes or gaps in them? Are they solid?
- > One by one put the items into the container to see if they sink or float. You can take this time to record your findings on a chart so you can see how many items sank or float.