The background features a light gray gradient with several realistic water droplets of various sizes scattered across the surface. The droplets have highlights and shadows, giving them a three-dimensional appearance.

# **KS1 SCIENCE SUPPORT WORKSHOP**

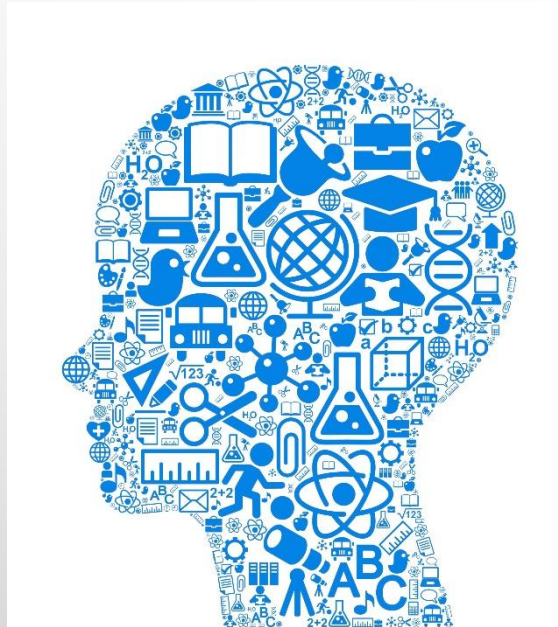
# KS1 SCIENCE SUPPORT AT HOME



# WHAT ARE THE MAIN AREAS OF SCIENCE YOU NEED TO PAY ATTENTION TO?

## Scientific knowledge

- Science vocabulary (light, reptile, stem)
- Processes (the water cycle)



## Working Scientifically

- Planning an investigation
- Setting up an investigation
- Observe and record data
- Talking about what they observed



# HOW CAN YOU HELP AT HOME?

- Ask questions – what does your child want to know?

Child: Why do bears hibernate?

Parent/Carer: What is hibernation? How could we find out?

- Ask them what they have found out – explaining their findings to you is another step of learning

Parent/Carer: So why does it rain sometimes and not other times?

- Observe changes – what is the same? What is different?

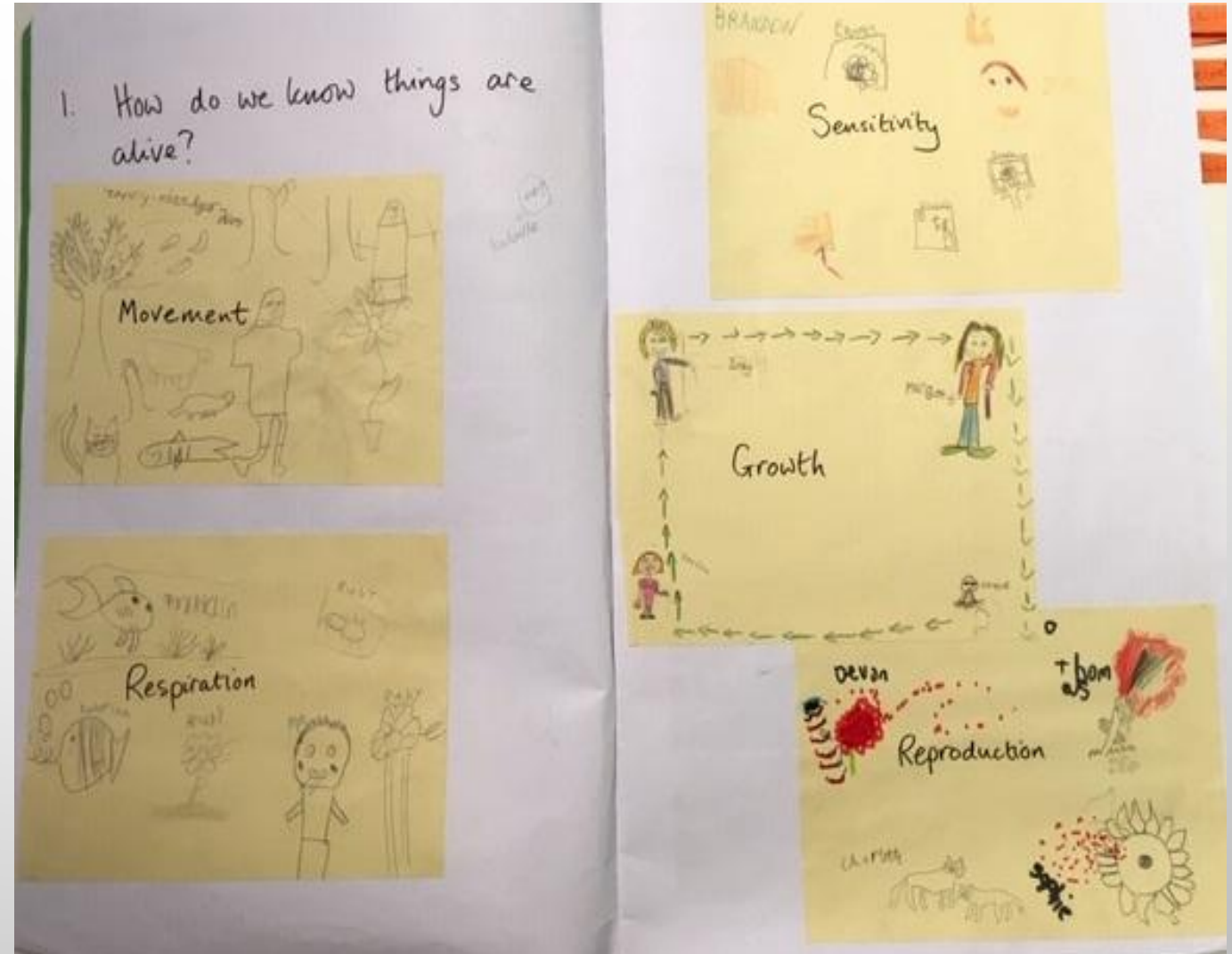
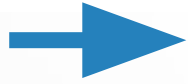
Parent/Carer: Can plastic be soft and hard?

Parent/Carer: If something is bumpy can it be hard?



# HOW CAN YOU HELP AT HOME?

- RECORD – THROUGH PICTURES, WORDS, VIDEOS ETC.
- USE SCIENCE LANGUAGE – START FROM A YOUNG AGE AND EXPLAIN WHAT THE WORDS MEAN.



CHILD: THIS IS THE HIP BONE

PARENT: IS THAT IT'S SCIENTIFIC NAME

CHILD: NO IT'S THE PELVIS

- EVIDENCE – IF THEY HAVE A THEORY, DO THEY HAVE EVIDENCE THAT PROVES IT TO BE TRUE?

CHILD: IT'S COLD OUTSIDE

PARENT/CARER: HOW DO YOU KNOW? CAN YOU PROVE IT?

# REMEMBER: SCIENCE IS ALL AROUND US

How do you cook an egg?

Do some exercise, measure your heart rate

When I listen to loud music sometimes the floor shakes

Why is there water dripping down the window?

How long is mummy pregnant for?



Why is there water dripping down the window?

Why does my shadow look so long?

How do you catch corona virus?

I got an electric shock when I touched the computer screen

Look after a plant

# HELPFUL WEBSITES

## **INVESTIGATIONS TO DO AT HOME:**

- [HTTPS://WWW.WOODLANDTRUST.ORG.UK/BLOG/2020/03/KIDS-NATURE-ACTIVITIES-SELF-ISOLATION/](https://www.woodlandtrust.org.uk/blog/2020/03/kids-nature-activities-self-isolation/)
- [HTTPS://WWW.SCIENCEFUN.ORG/KIDSZONE/EXPERIMENTS/](https://www.sciencefun.org/kidszone/experiments/) OR EXPLORE YOUTUBE.

## **PRIMARY SCIENCE HOME LEARNING GUIDE FOR PARENTS**

- [HTTPS://WWW.THESCHOOLRUN.COM/ACCESS-THESE-FANTASTIC-SCIENCE-RESOURCES-TODAY](https://www.theschoolrun.com/access-these-fantastic-science-resources-today)

## **ONLINE SCIENCE LESSONS AND SUPPORT FOR HOME LEARNING FOR KS2**

- [HTTPS://WWW.BBC.CO.UK/BITESIZE/SUBJECTS/Z2PFB9Q](https://www.bbc.co.uk/bitesize/subjects/z2pfb9q)

## **PRIMARY SCIENCE INTERACTIVE ACTIVITIES AND GAMES**

- [HTTPS://WOWSCIENCE.CO.UK/?SFID=27& SFM RESOURCE TYPE=GAMES](https://wowscience.co.uk/?sfid=27&sfm_resource_type=games)
- [HTTPS://PBSKIDS.ORG/GAMES/SCIENCE](https://pbskids.org/games/science)
- [HTTPS://MRNUSSBAUM.COM/GAMES/SCIENCE-GAMES](https://mrnuusbaum.com/games/science-games)