

POLLUTION DETECTIVE CHALLENGE



NØ SMOKING DAY

YOUR MISSION TODAY

Complete 5 challenges
Uncover 3 big clues
Protect wildlife in Wales



TEAM ECO EAGLES



TEAM PUFFIN PROTECTORS



TEAM SEAGULL SCOUTS



GUESS THE MESS



What are the top 5 most
littered items in the UK?

GUESS THE TOP 5 LITTERED ITEMS IN THE UK?

1.

2.

3.

4.

5.



THE TOP 5 LITTERED ITEMS IN THE UK

1. CIGARETTE BUTTS/PACKAGING
2. FOOD WRAPPERS & PACKETS
3. DRINKS BOTTLES/CANS
4. FAST-FOOD PACKAGING
5. VAPES/VAPE PACKAGING



THE BIGGEST LITTER PROBLEM IN WALES IS...

Cigarette butts and vape litter





WE'RE CELEBRATING NO SMOKING DAY

A day for healthier futures in Wales

YOUR ideas and voices are important

WHAT'S IN A CIGARETTE?

Paper: Wrapped around the tobacco



Filter: A small plastic part at the end of the cigarette, which is one of the **biggest environmental problems.**

Tobacco: Inside the cigarette.

HOW MANY CHEMICALS IN A CIGARETTE?

OVER 7000

CIGARETTE CHEMISTRY SHOWDOWN

Which of the following chemicals
are found in cigarettes?



ARSENIC

Found in rat poison



TABLE SALT

Used in food (like on chips)



FORMALDEHYDE

Used to kill germs and keep things
from rotting (like dead bodies).



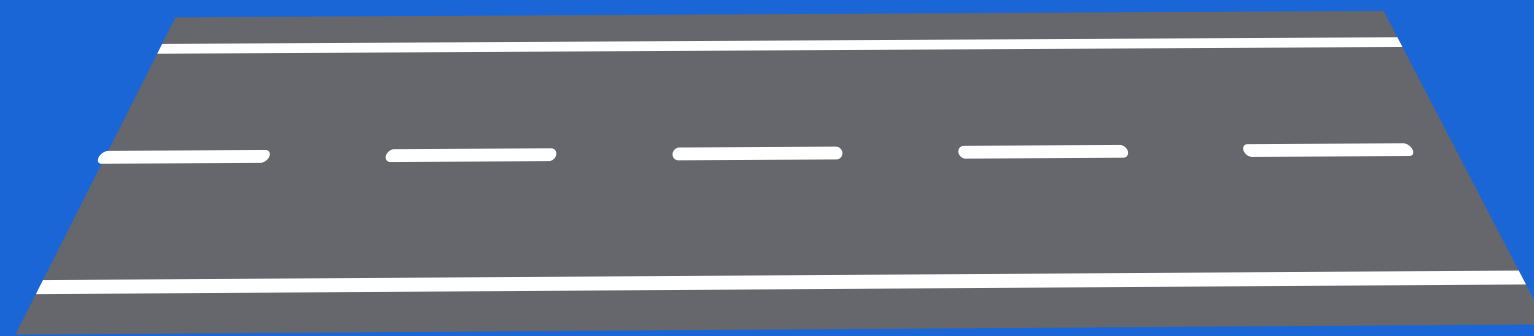
BENZENE

Found in petrol fumes and bug sprays



TAR

Road surfaces



VITAMIN C

Found naturally in fruits and vegetables



AMMONIA

Found in strong cleaning products like toilet cleaners.



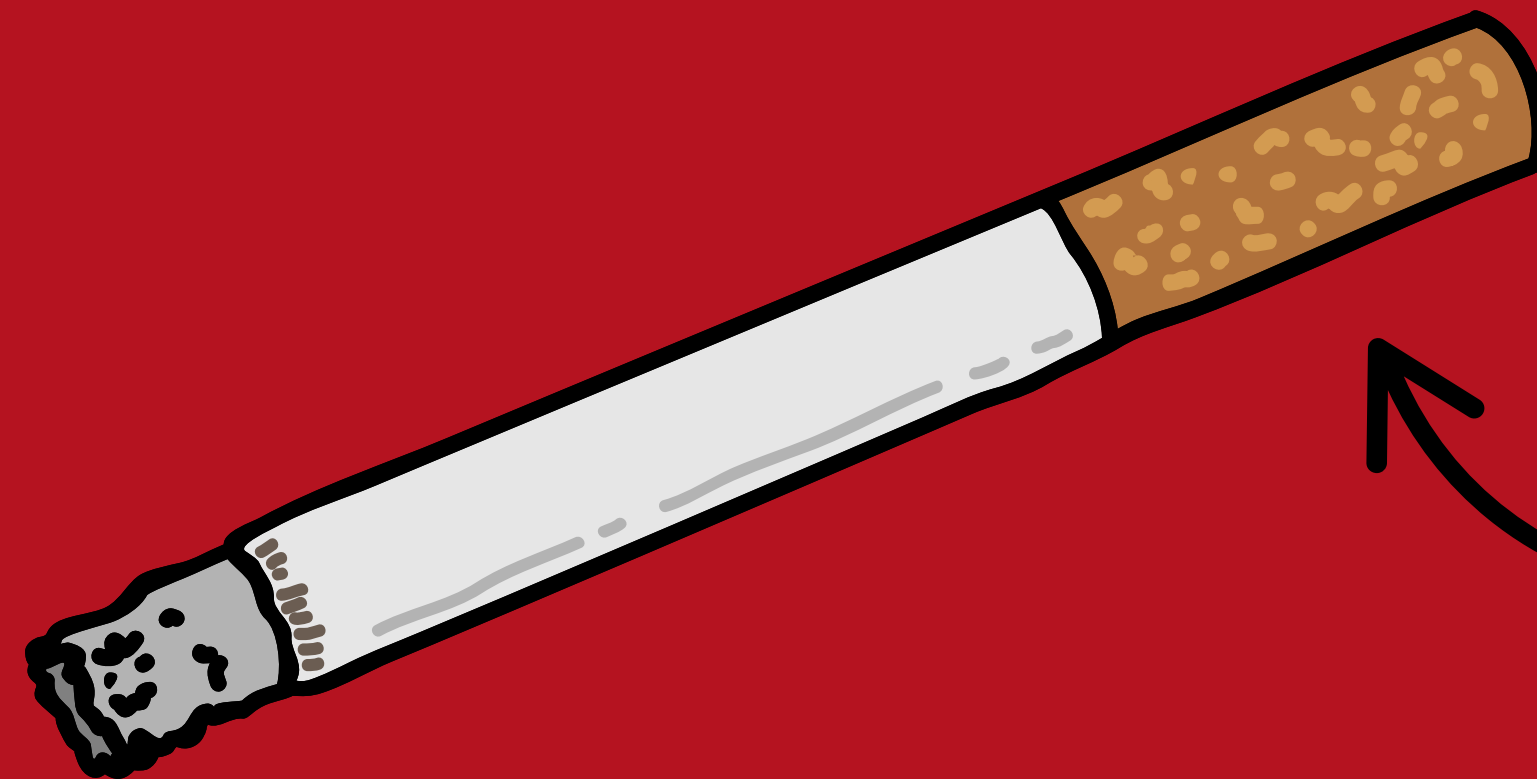
MILK

The stuff you have on your breakfast cereal



CIGARETTE FILTERS

Filters Are More Harmful Than People Think



THE FILTER



THE TOBACCO COMPANIES SAID

- Filters trap harmful chemicals
- Filters make smoking safer
- Filters protect lungs

Of all leading filter cigarettes

Kent Filters Best

gives you less tars and nicotine



*Kent gives you the rich taste—and full flavor
of premium quality, natural-leaf tobaccos.
It makes good sense to smoke Kent . . . and good smoking, too!*

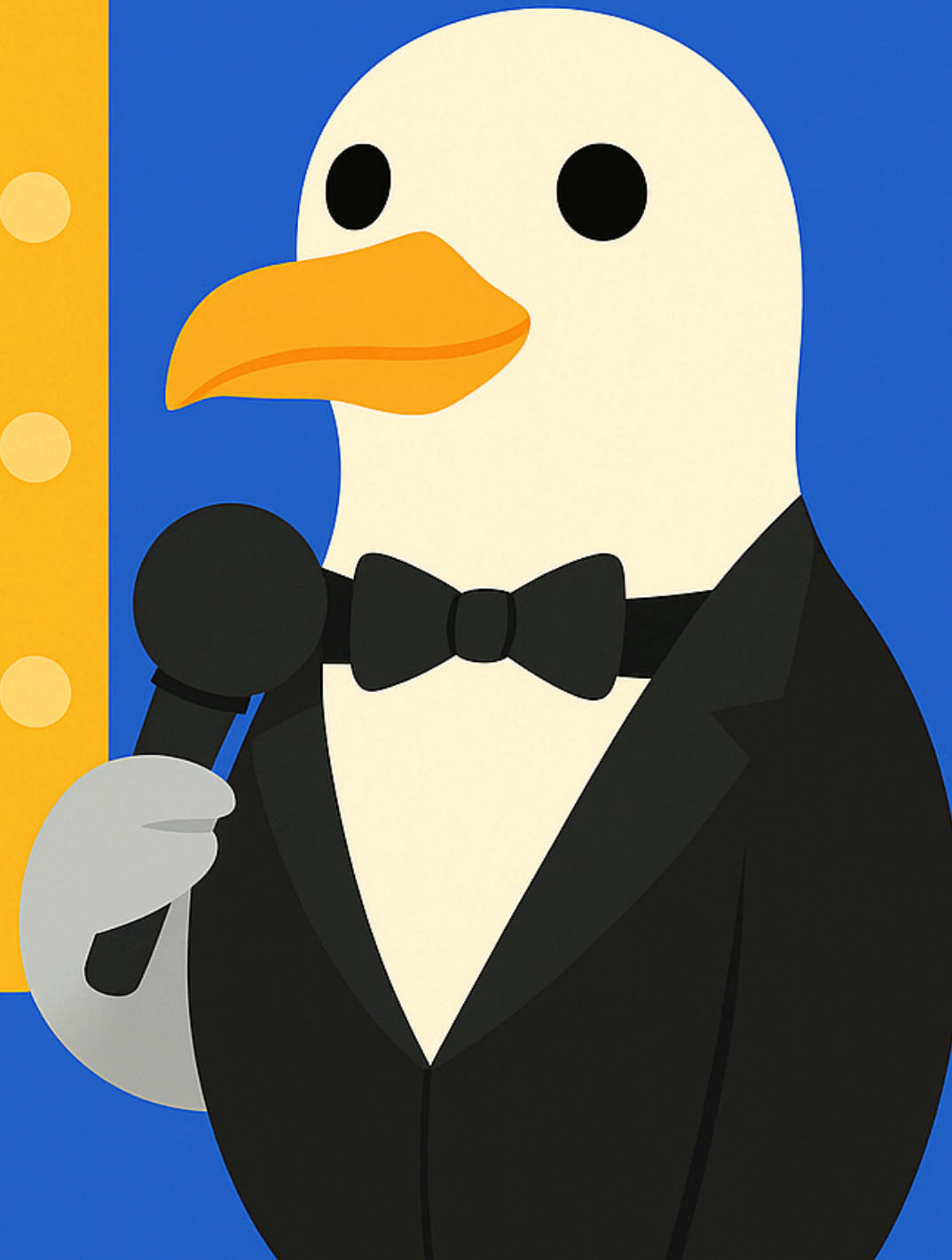
THE TRUTH

- Filters are plastic
- They don't protect lungs
- They pollute for years



BUTT BUSTERS

How many cigarette
butts fit inside?



GUESS THE NUMBER OF BUTTS

How many butts do each of these containers hold?



MCDONALD'S CUP (REG)

GUESS THE NUMBER OF BUTTS

How many butts do each of these containers hold?



CRISP PACKET

GUESS THE NUMBER OF BUTTS

How many butts do each of these containers hold?



PRINGLES TUBE

GUESS THE NUMBER OF BUTTS

How many butts do each of these containers hold?



HOLDS 375 BUTTS

MCDONALD'S CUP (REG)

GUESS THE NUMBER OF BUTTS

How many butts do each of these containers hold?



HOLDS 420 BUTTS

CRISP PACKET

GUESS THE NUMBER OF BUTTS

How many butts do each of these containers hold?



HOLDS 700 BUTTS

PRINGLES TUBE

HOW BIG IS THE PROBLEM IN WALES?

- Butts are found on 8 out of 10 streets
- One butt can pollute 200 glasses of water



THIS WAS IN CARDIFF!



ANIMALS AT RISK

- Animals mistake butts for food
- They can choke or get sick
- Plastic filters pollute habitats







DECOMPOSE MEANS:

 **HOW LONG SOMETHING TAKES
TO BREAK DOWN AND DISAPPEAR**

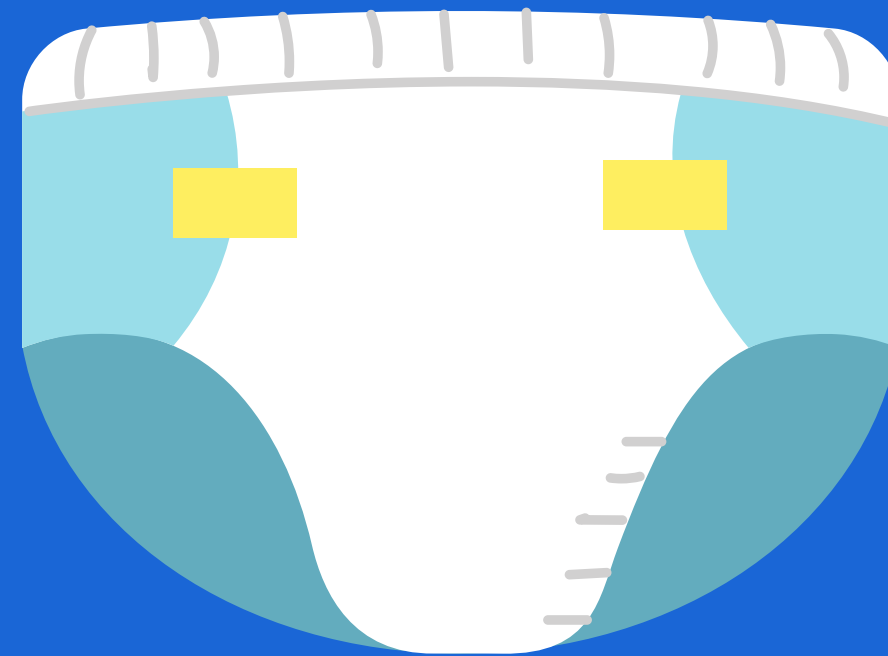
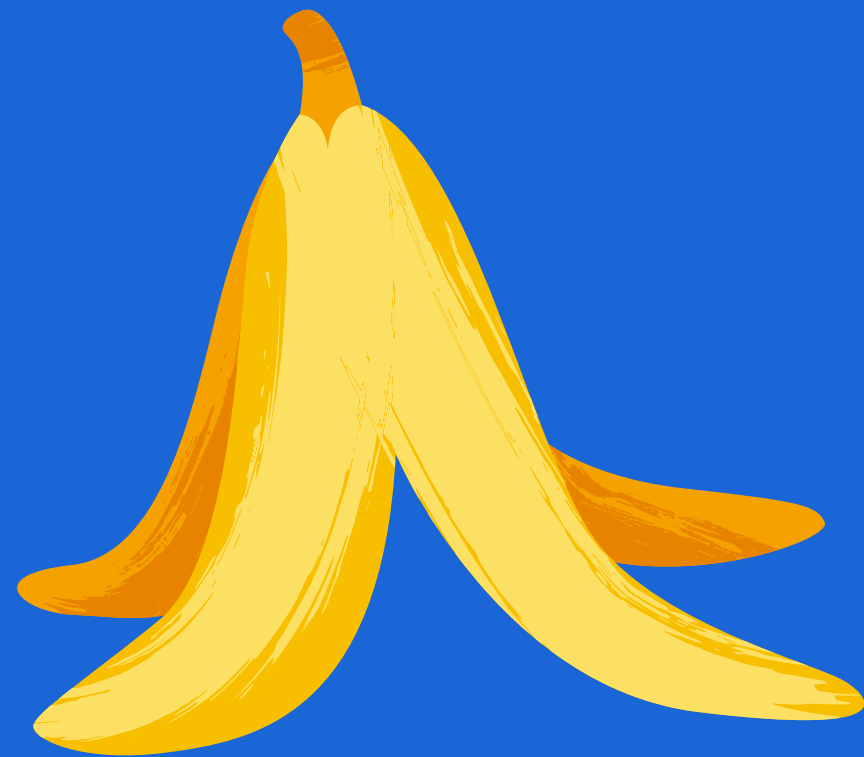
WHICH DISAPPEARS FIRST?



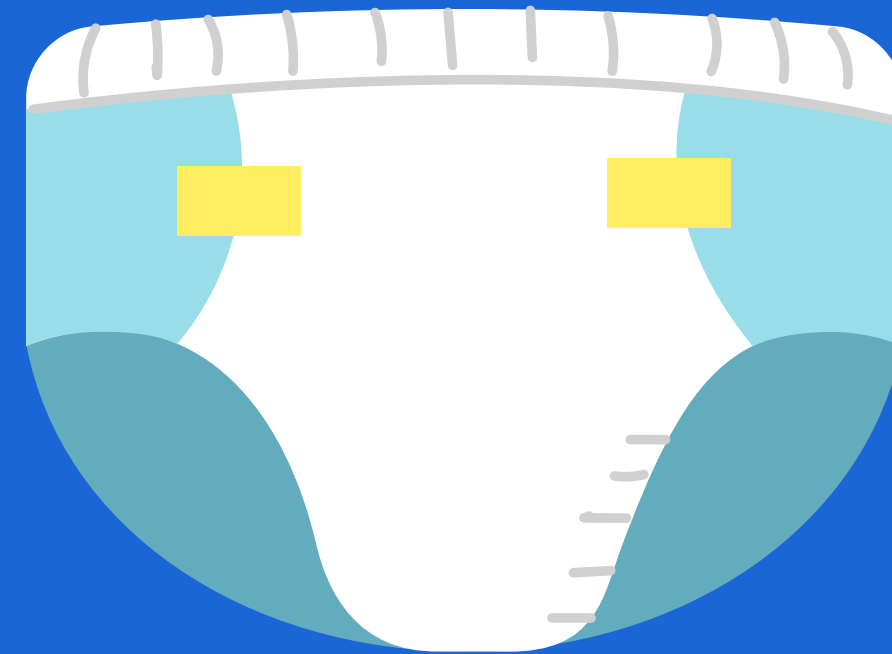
WHICH DISAPPEARS FIRST?



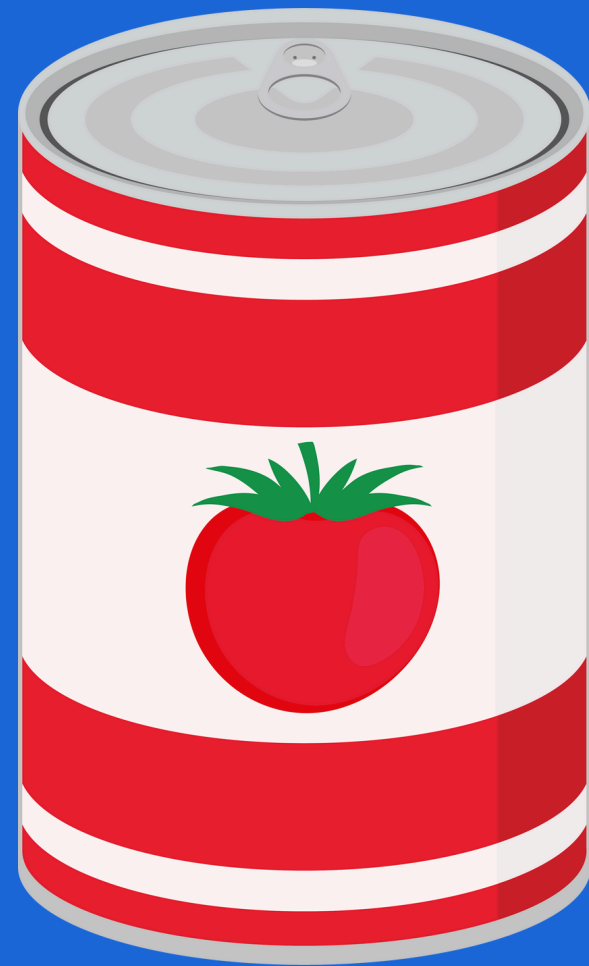
WHICH DISAPPEARS FIRST?



WHICH DISAPPEARS FIRST?



WHICH DISAPPEARS FIRST?



WHICH DISAPPEARS FIRST?



**PAPER
TOWEL**



4 WEEKS

**BANANA
PEEL**



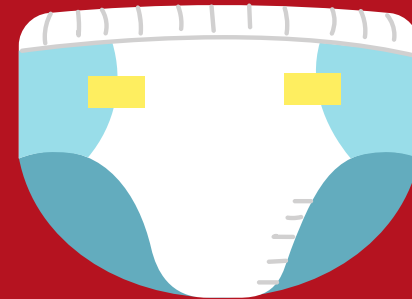
6 WEEKS

**CIGARETTE
BUTTS**



15 YEARS

**DISPOSABLE
NAPPIES**



30-40 YEARS

TIN CANS



**50
YEARS**

VAPES



**1000S OF
YEARS**



**QUICKEST TO
BREAK DOWN**

**SLOWEST TO
BREAK DOWN**

WHAT ABOUT VAPES?

- Plastic takes hundreds of years to break down
- Batteries can leak
- Batteries can cause fires
- Wildlife can be harmed



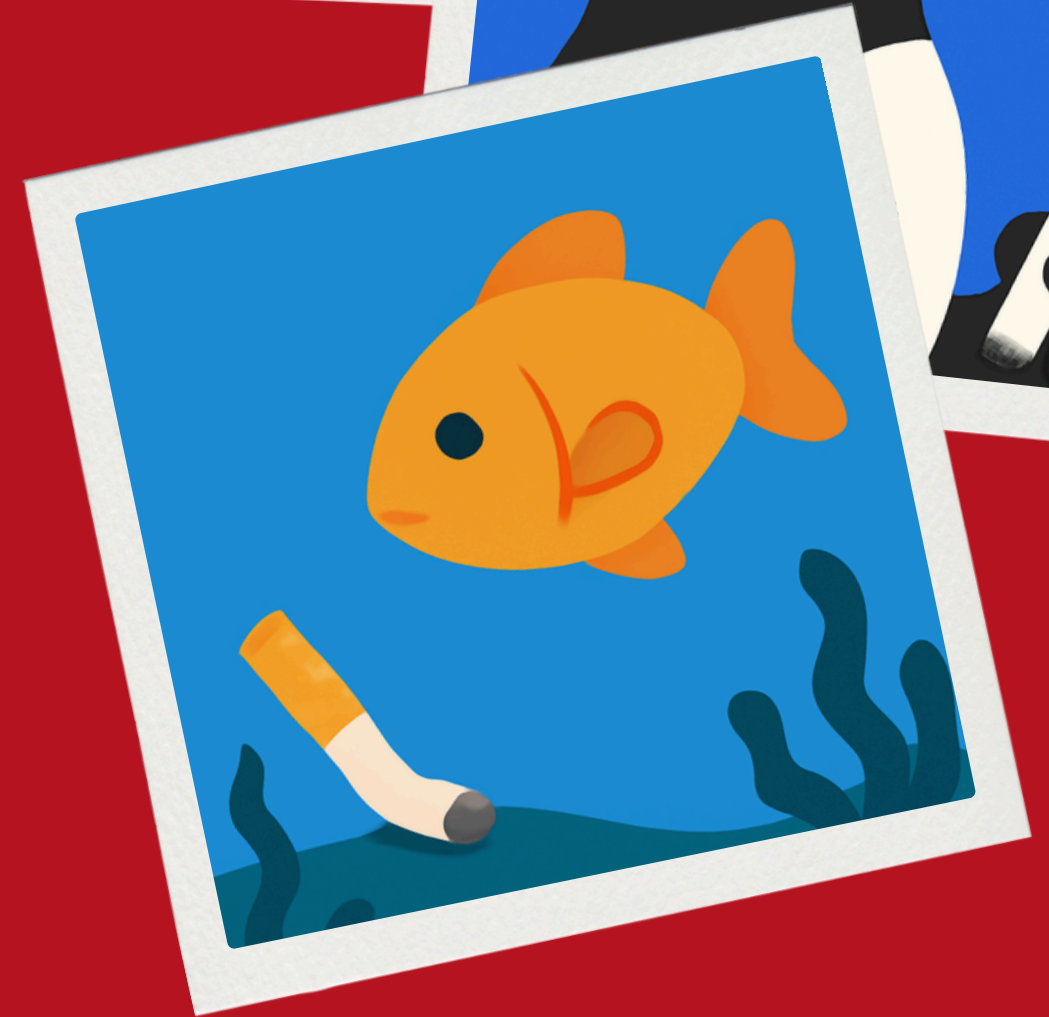
WHY IT'S IMPORTANT

One vape could be lying around for over 600+ years - that's almost as long as a castle has been standing in Wales!



SOLVING THE MYSTERY

- Cigarette butts are the most common litter
- Filters are plastic pollution
- Wildlife suffers
- Vape waste lasts for centuries



TEAM ECO EAGLES



TEAM PUFFIN PROTECTORS



TEAM SEAGULL SCOUTS



POLLUTION PLEDGE

- I promise to protect nature
- I will keep parks and beaches clean
- I will always bin litter
- I will help Wales stay smokefree





For more information on smoking
or vaping visit: ash.wales

ash wales
cymru
action on smoking and health

