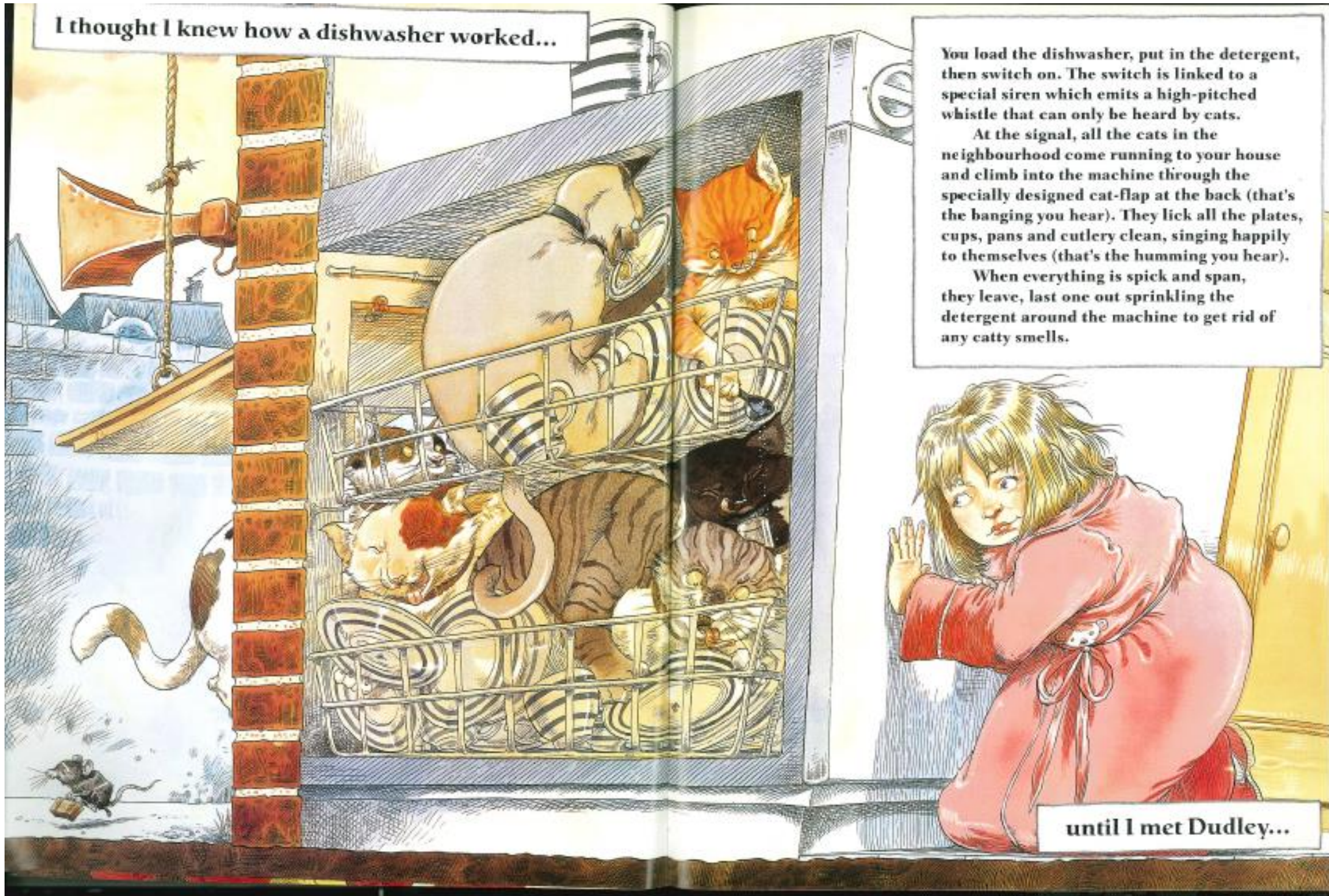


Dudley is *fantastic* at explaining how things work. Everyday items around the house can be fascinating and sometimes a real puzzle as to how they work.

But Dudley can help...

Have a look at how the little girl originally thought a dishwasher worked...

I thought I knew how a dishwasher worked...



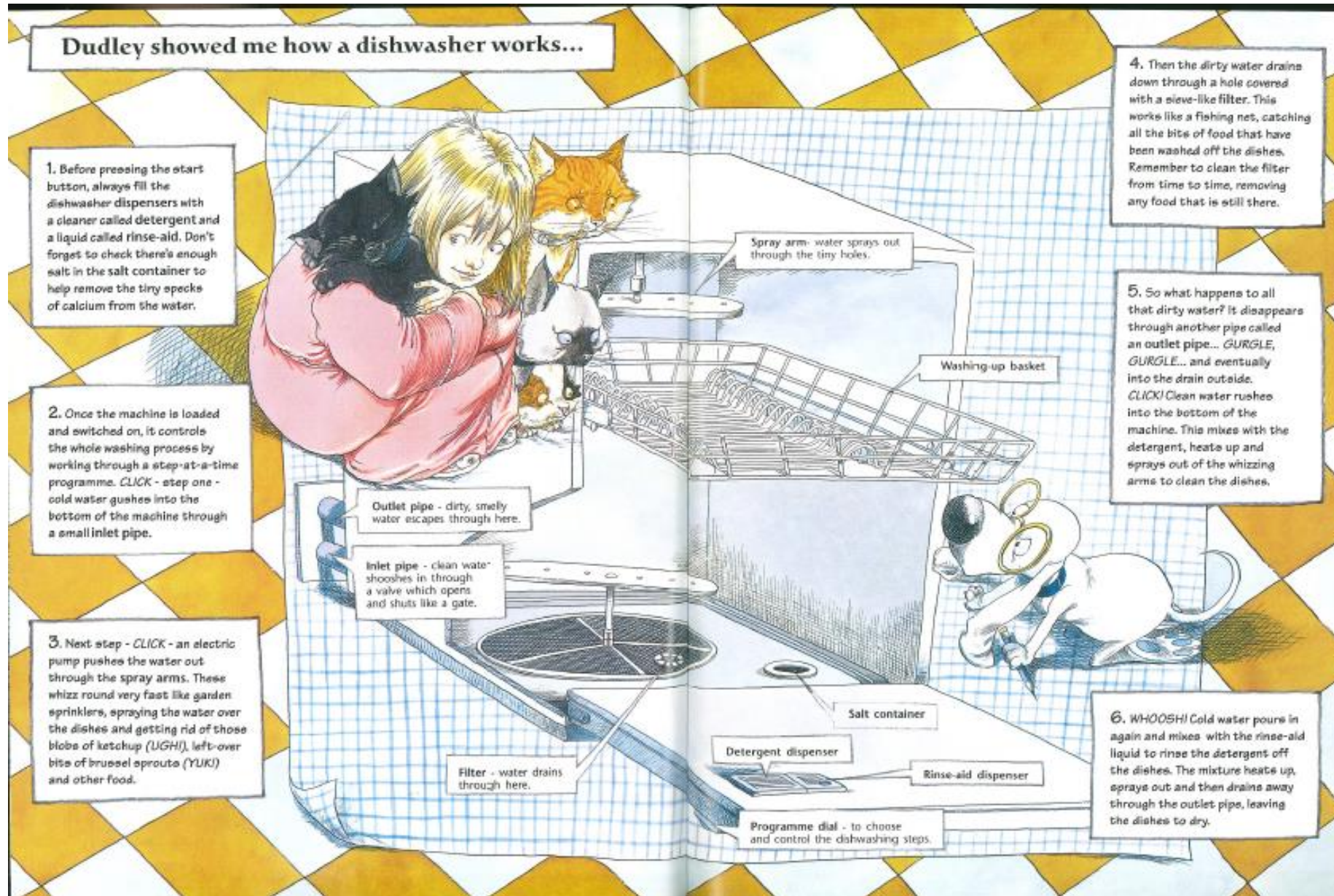
You load the dishwasher, put in the detergent, then switch on. The switch is linked to a special siren which emits a high-pitched whistle that can only be heard by cats.

At the signal, all the cats in the neighbourhood come running to your house and climb into the machine through the specially designed cat-flap at the back (that's the banging you hear). They lick all the plates, cups, pans and cutlery clean, singing happily to themselves (that's the humming you hear).

When everything is spick and span, they leave, last one out sprinkling the detergent around the machine to get rid of any catty smells.

until I met Dudley...

Now let's look at how Dudley explains how a dishwasher works:



What has Dudley used to help him explain how the dishwasher works? What has made it easier to understand?

Write a list of the features you can see in the explanation above.

I'll start you off:

- He has split the explanation into numbered boxes.

- He has used a diagram
- He has used labels on the diagram
- He has written the explanation in order of what happens.
- He has used adverbials of time to tell you when things happen -
 - Once the machine is loaded...
 - Before pressing the start button
- He has used technical vocabulary eg inlet pipe
- He has used rhetorical questions - So what happens to all the dirty water?

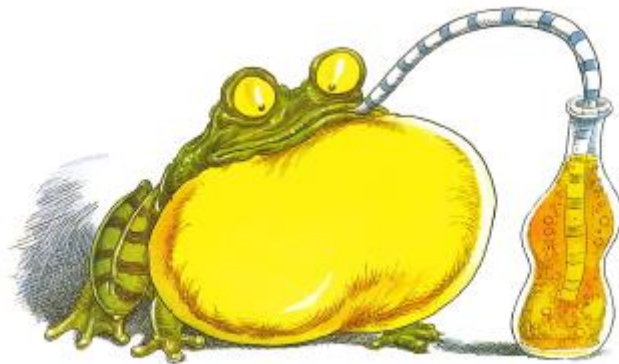
Did you find them all?

Were you surprised how a dishwasher works?

Each day, I will also try to put you some challenge work. Today I want you to think about other items in your house or in the world around you, what comical ways can you think of as to how they work? Can you use some of the features above to write a short explanation and maybe draw a diagram?

Here are a couple of other ideas that the little girl had:

how bubbles get into fizzy drinks



**how stars
shine at night**

What explanations can you come up with?

Maybe how fireworks get their bang? Or how toasters cook your bread? Or even how cash machines give your money? The choice is yours. I'd love to see some of your ideas in an email.