The background features a vertical gradient from light purple at the top to light blue at the bottom. It is decorated with several realistic water droplets of various sizes, some with highlights and shadows, scattered across the surface. A large, faint, light-colored circular graphic is centered in the upper half of the page.

Year 3 Design and Technology

PNEUMATIC TOYS

DESIGN BRIEF:

WHAT ARE WE MAKING?

Pneumatic story characters

WHO FOR?

Year 1

WHY?

To show the children that pneumatic mechanisms create movement.



BUILDING OUR TOYS

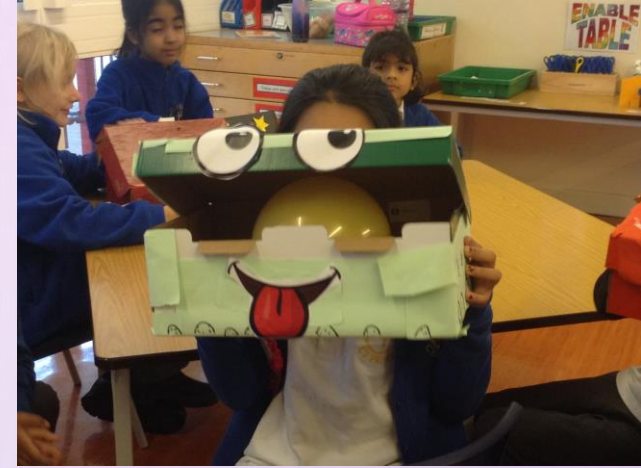


One of the design decisions we had to make was whether we wanted to draw our character's body parts, use printed images or a mixture of both.





USING OUR TOYS



We took our finished products to Year 1 and used them to tell the stories of The Gruffalo, Room on the Broom, The Three Little Pigs and The Runaway Pea.



EVALUATING OUR PROJECTS

What went well:

- Year 1 could tell who our book characters were supposed to be
- The pneumatic mechanisms worked

Difficulties we faced:

- The balloons were hard to inflate by mouth, next time we would use balloon pumps.
- Trying to design the head in a way which meant the box would open the character's mouth

Self-evaluation

★★
Name: Meher Talukder

I liked that I put the witch's wand on my toy
!! and that I put the hair in the corner.
Next time I think that I would change the
mouth.

Self-evaluation

★★
Name: Sahib

I liked the room I put on my dog
!! I did not like the Balgung eye and I was choo
district nitery and I was hope next time ray no hat
wider

Peer-evaluation

Name: Lorraine By: Isma

★★
I liked Lorraine's toy because I loved
how she made her eyes and nose so good
!! she could of made the ears more stabled