

The background features a collection of stylized, colorful tools. On the left, there is a yellow and grey hammer. In the center, a blue pencil is positioned vertically. To the right, a yellow pencil with a grey eraser is shown. Below these, there are several other tools in shades of yellow, grey, and blue, including what appears to be a screwdriver and a pencil sharpener. The tools are arranged in a circular pattern against a dark blue background.

## Design and Technology

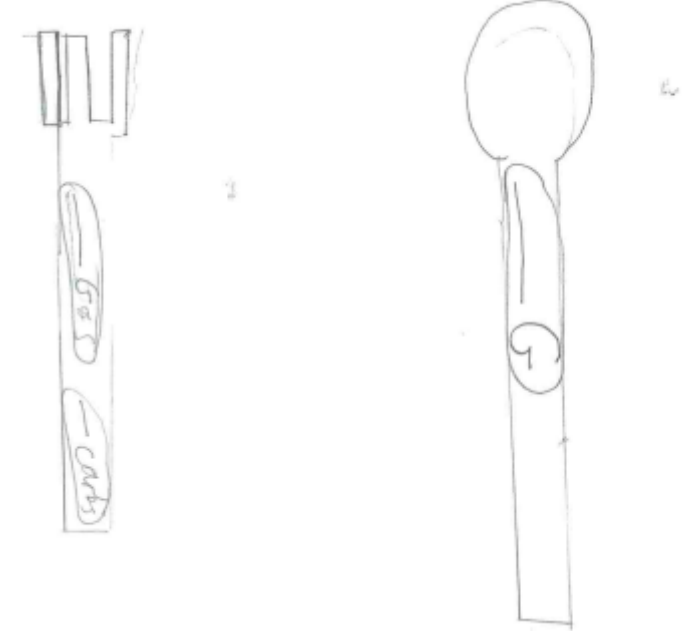
At Abacus Primary School, we want children to become curious about products, be creative and develop practical skills. Design and Technology is taught through projects developing technical knowledge of construction, textiles, mechanisms, electronics and food & nutrition.

The children's learning will include a focus on designing, making and evaluating products.

# Little Inventors



Eleanor's The Weight 'o' grams



At Abacus, we ran a 'Little Inventors' competition to design an invention of their choice. There was no theme or requirements just the pupils' imaginations. Here are the entries:

"The Weight 'o' grams are for anyone really and the fork is for diabetic people and shows grams of sugar and weights carbohydrates. The Weight 'o' grams spoon is used for cooking so if I had flour and I'm making a cake you spoon and look at the dial and it tells you how many grams it weighs. It is made of plastic and metal."



Charlotte's The Book-o-bot



"The Book-o-bot does a library look around and tidies up the library when turned on, with the switch on the base to turn it on or off. It puts books in the right place and can also hand out books. It also has a charger. Lasers shoot out of his eyes scanning if the books are in the right place. If it is handing out books, if you hold something up with your name on it match up the names."



Nathan's NX3 Helper



"The NX3 is made of iron and metal. It is a helper for Mrs Lee. Mrs Lee puts a ticket into the poster box with instructions and the NX3 shows what the instructions say. Then Mrs Lee has loads of time to rest for a little while then listening to us read. The wheels move super fast and the NX3 whizzes around the classroom doing jobs."

Muhariba's Teddy Robot



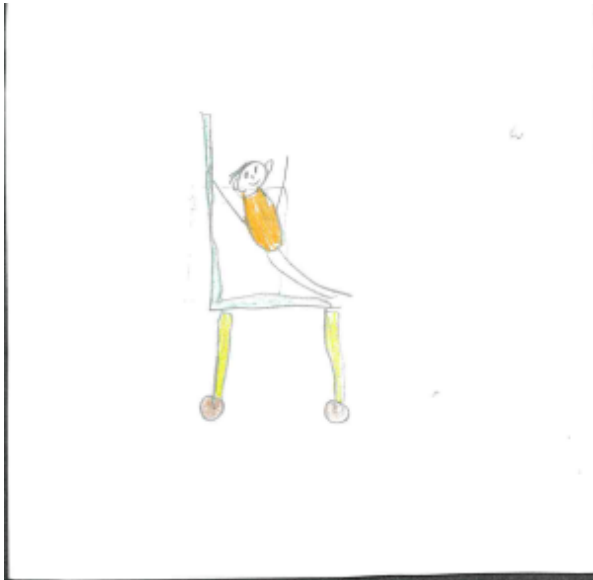
Grace's The Teacher's Handy Helper



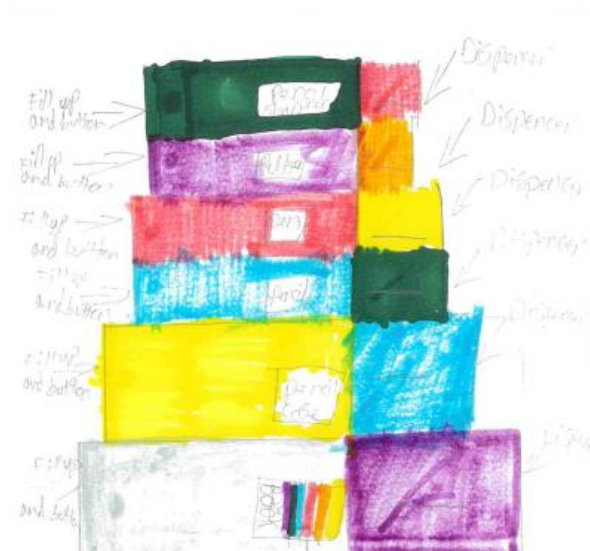
Olivia's Robotic Book Hands



Lucas' Moving Chair



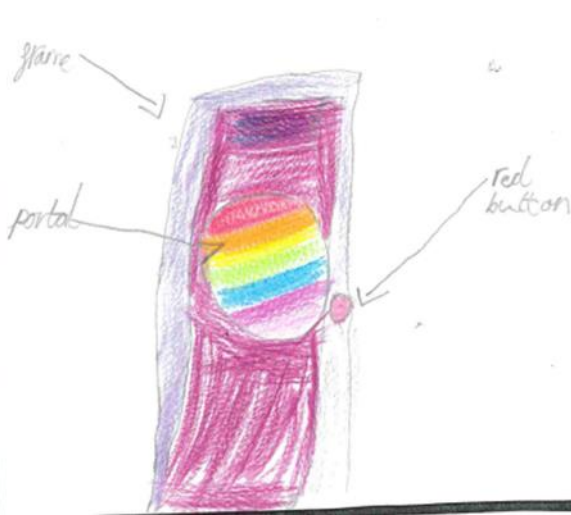
Emmi's Stationery Dispenser



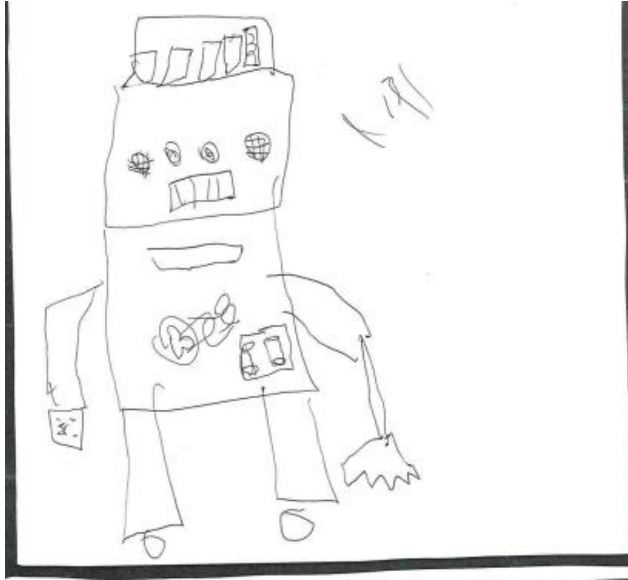
Gabriela's Get Ready



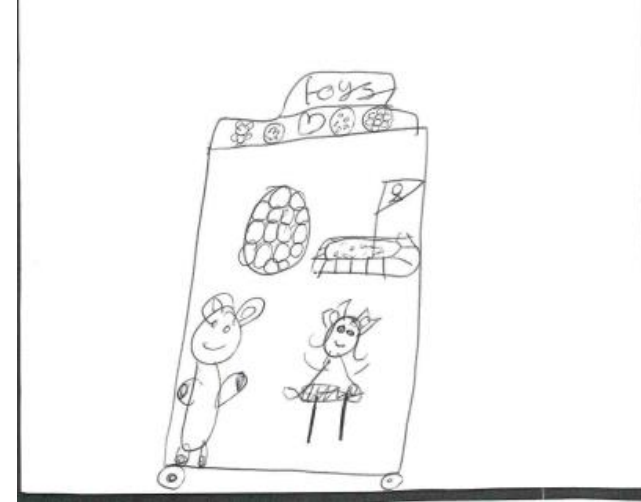
Eloise's The Rainbow Time Machine.



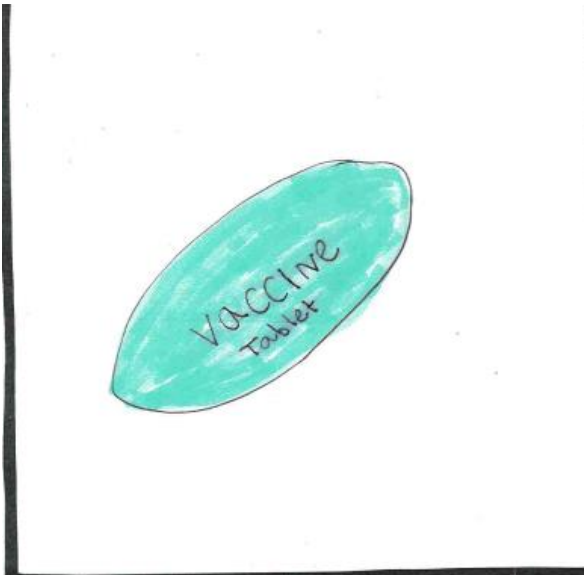
Jennifer's Speedy



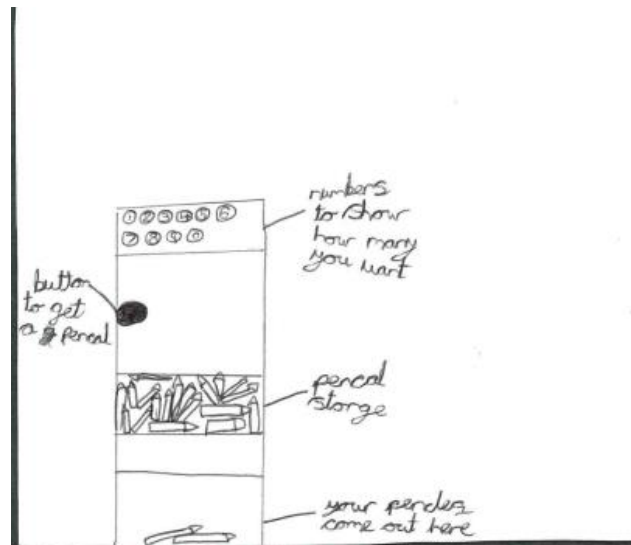
The Vending Machine of Toys



Eliza's Tablet Vaccine



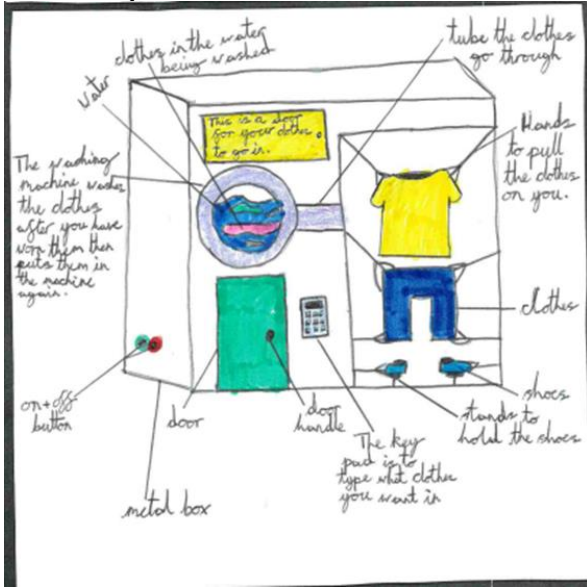
Hannah's The Pencil Machine



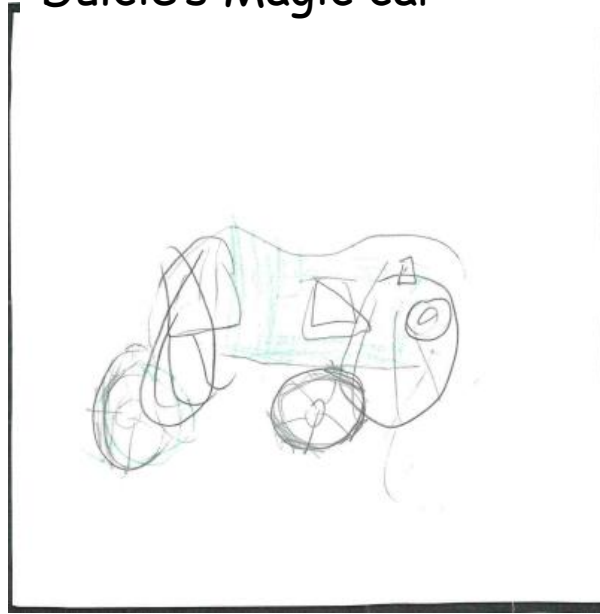
Heidi's Pop it Machine



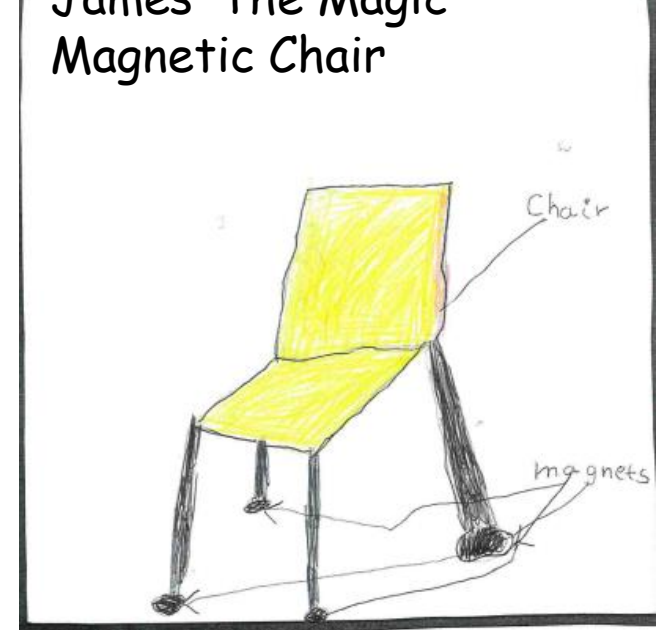
# Libby's The Dresser



# Dulcie's Magic car



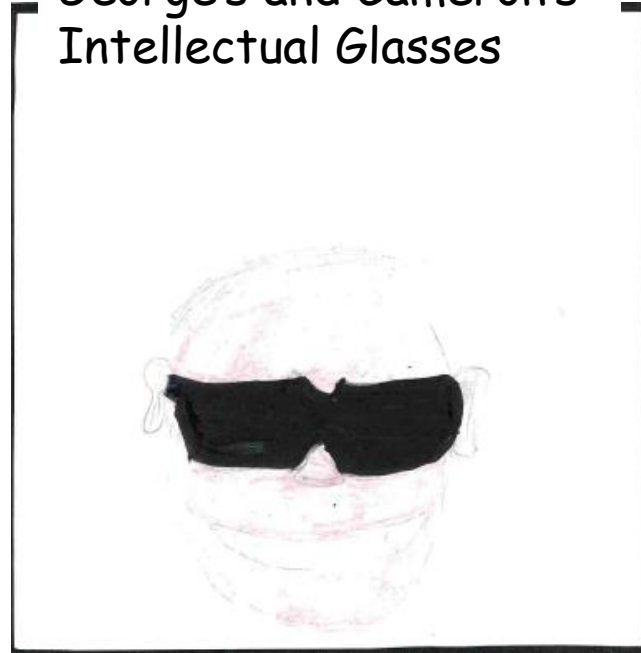
# James' The Magic Magnetic Chair



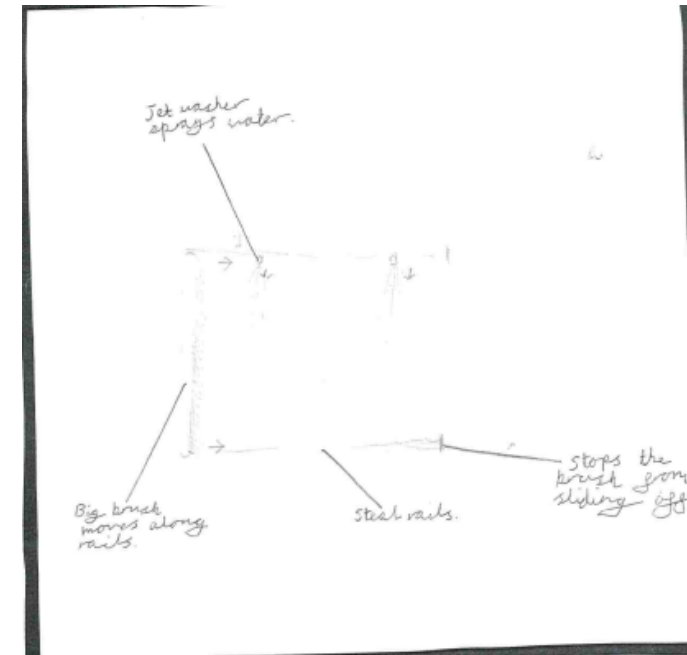
# George's The Electric Register



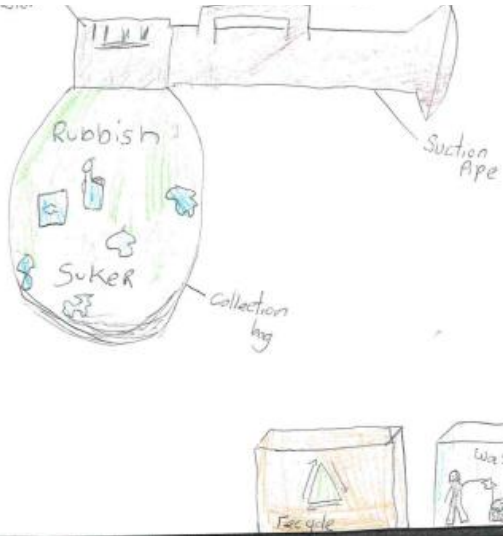
# George's and Cameron's Intellectual Glasses



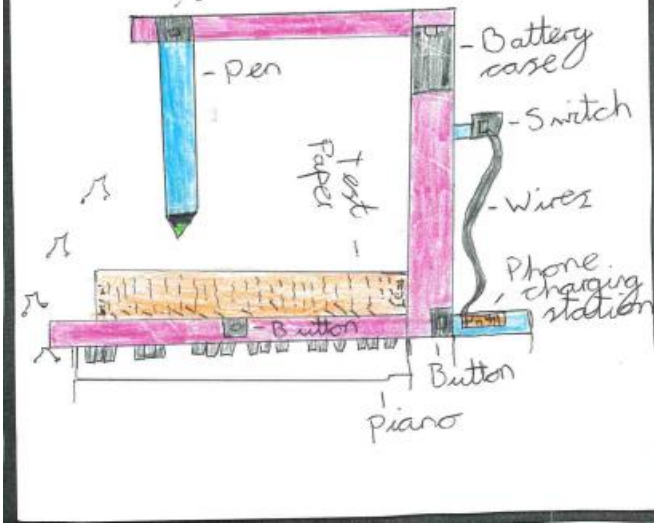
# Jack's Solar Wiper



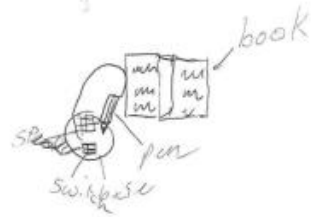
# Grace's The Rubbish Sucker



# Chloe's TTA 3000 (The Teacher's Assistant)



# Donovan's Auto Pen



# Caleb's The Great Hazelnut Cooking Machine

