SCIENCE AT EVERSLEY!

PUPIL VOICE

Science is fun! (Y1)

I like that we get to discover things! (y2)

Science means you learn about things that can help us in the future! (Y4)

The experiments are really fun and interesting for me! (Y2)

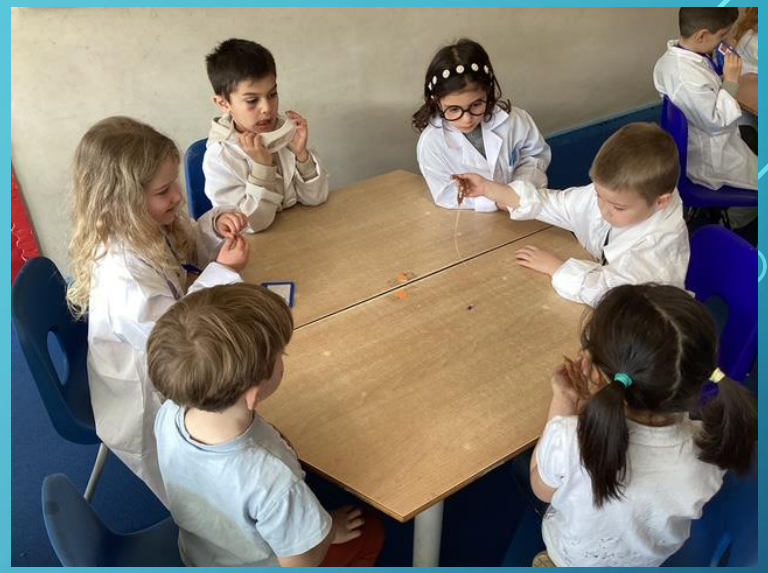
I like everything, its exciting and I like discovering stuff! (Y3)

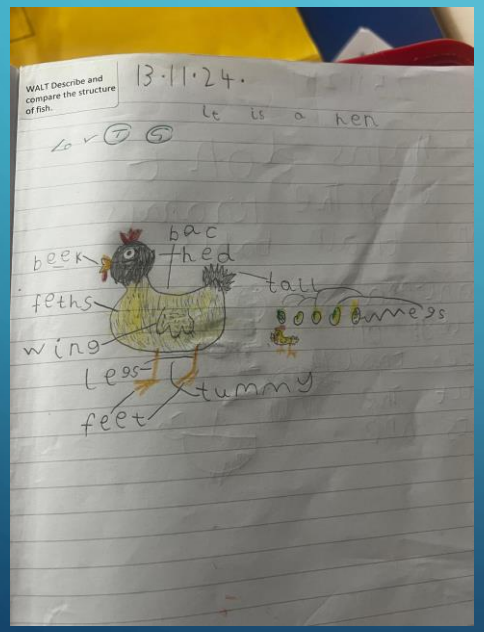
I like studying the world and how it works! (Y6)

EYFS

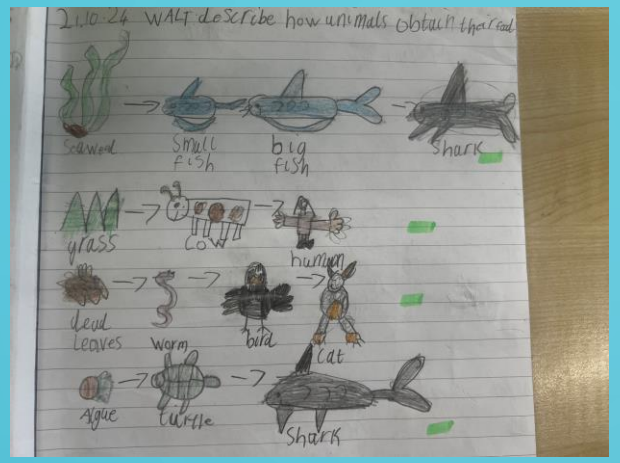
YEAR ONE

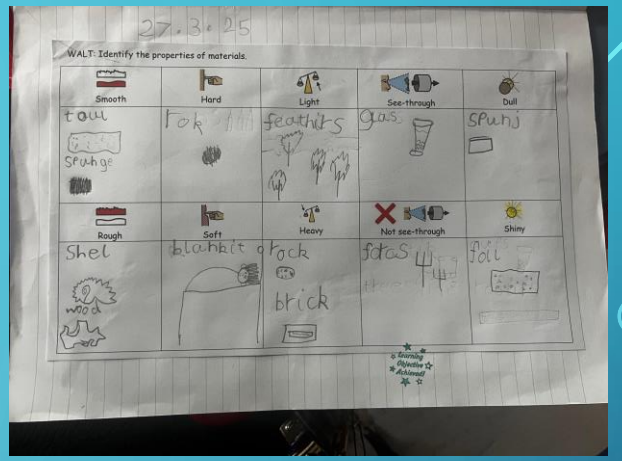
Birthdays
first
then
after
BC
capital letters

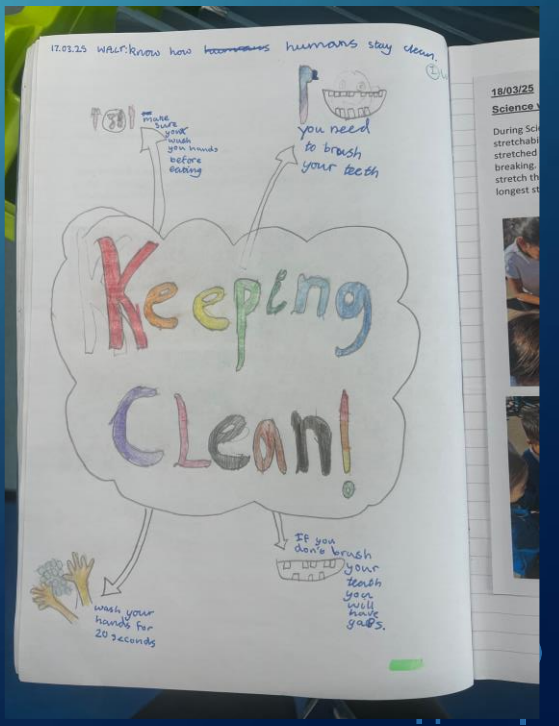



WALT Describe and compare the structure of fish.
13.11.24.
beak
feths
wing
tail
feet
tummy

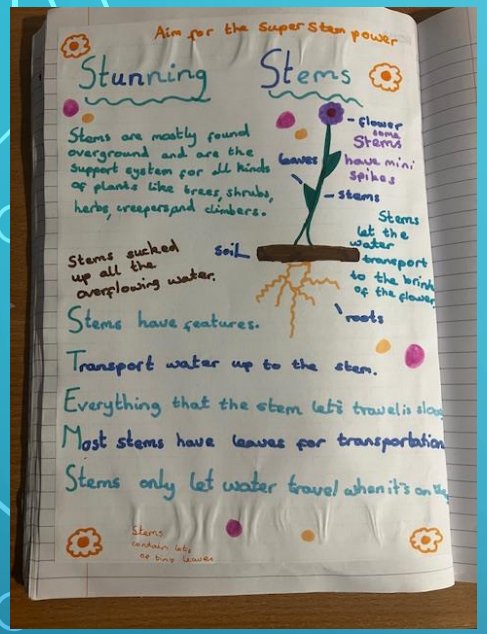
YEAR 2


21.10.24 WALT describe how animals obtain their food.
Seaweed
Small fish
big fish
Shark
grass
cow
human
dead leaves
worm
bird
cat
Algae
turtle
Shark


27.3.25
WALT: Identify the properties of materials.
Smooth
Hard
Light
See-through
Dull
Rough
Soft
Heavy
Not see-through
Shiny


17.03.25 WALT: know how humans stay clean.
Keeping Clean!
you need to brush your teeth
If you don't brush your teeth you will have gaps.
wash your hands for 20 seconds

YEAR 3


Aim for the Super Stem power
Stunning Stems
Stems are mostly found overground and are the support system for all kinds of plants like trees, shrubs, herbs, creepers and climbers.
flower stems
Stems have mini spikes
leaves
stems
Stems let the water transport to the brink of the flower
soil
roots
Stems sucked up all the overflowing water.
Stems have features.
Transport water up to the stem.
Everything that the stem let's travel is slow
Most stems have leaves for transportation
Stems only let water travel when it's on

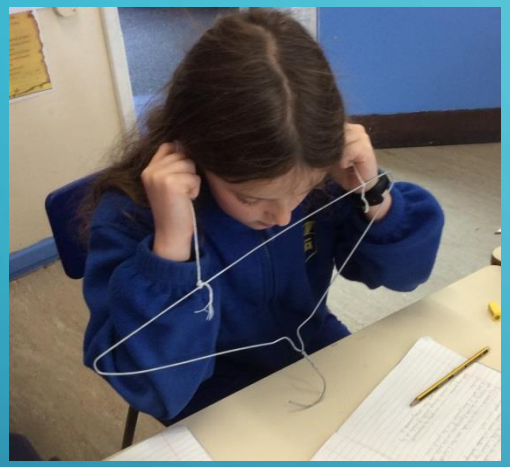
cold temp
hot temp
Room

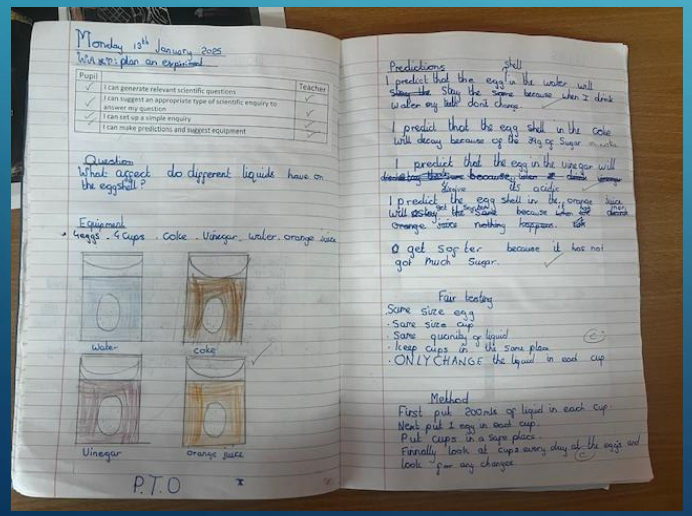
Green
Rough
Smooth
Green

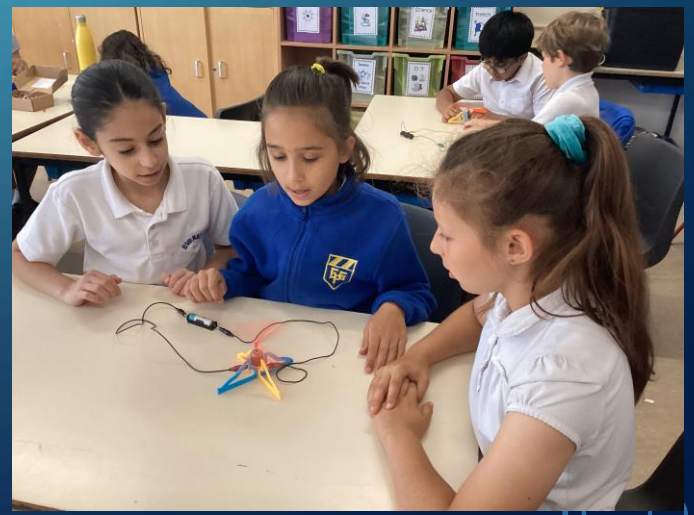
STAR WARS

YEAR 4

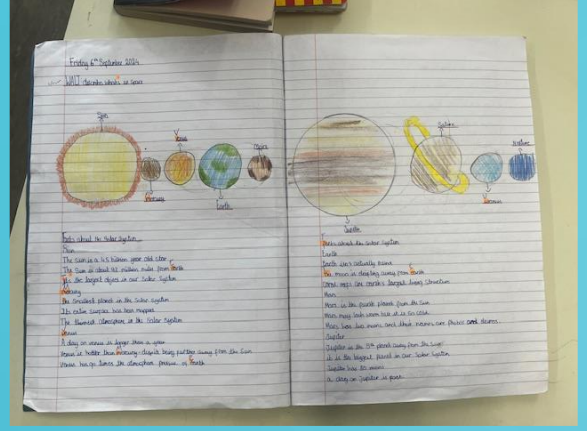
Coke
Vinegar
Water
Orange

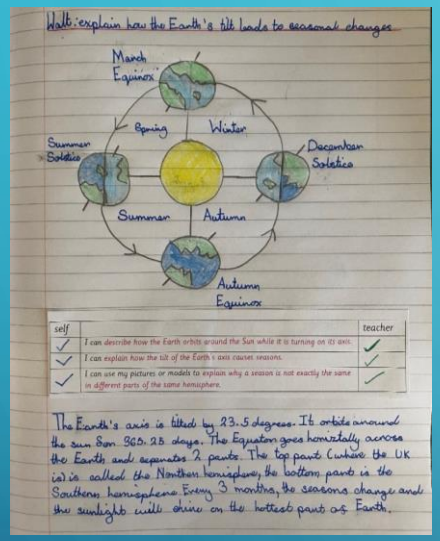



Monday 13th January 2025
What we're going to do: plan an experiment
Pupil
Teacher
I can generate relevant scientific questions
I can suggest an appropriate type of scientific enquiry to answer my question
I can set up a simple enquiry
I can make predictions and suggest equipment
Question
What effect do different liquids have on the eggshell?
Equipment
eggs . 4 cups . Coke . Vinegar . water . orange juice
Water
Coke
Vinegar
orange juice
P.T.O
Predictions
I predict that the egg in the water will stay the same because when I drink water my teeth don't change.
I predict that the egg shell in the coke will decay because of the 37g of sugar
I predict that the egg in the vinegar will because its acidic
I predict the egg shell in the orange juice will stay the same because when I eat orange juice nothing happens.
I get softer because it has not got much sugar.
Fair testing
Same size egg
Same size cup
Same quantity of liquid
Keep cups in the same place
ONLY CHANGE the liquid in each cup
Method
First put 200ml of liquid in each cup
Next put 1 egg in each cup
Put cups in a safe place
Finally look at cups every day at the eggs and look for any changes



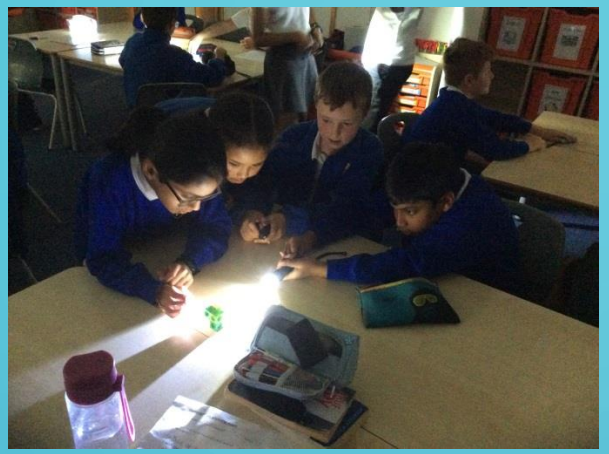
YEAR 5

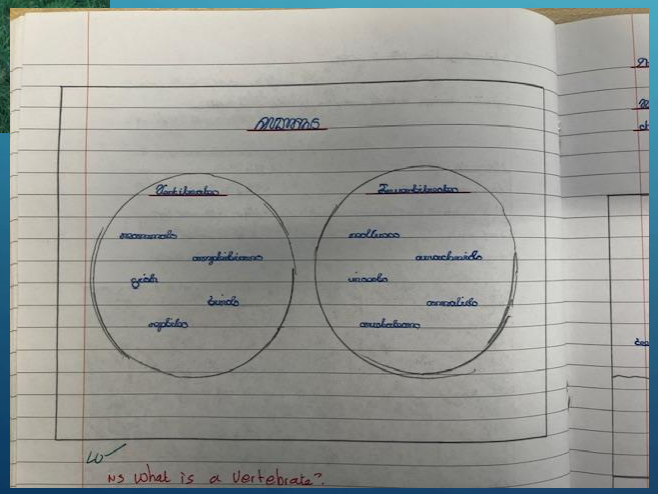


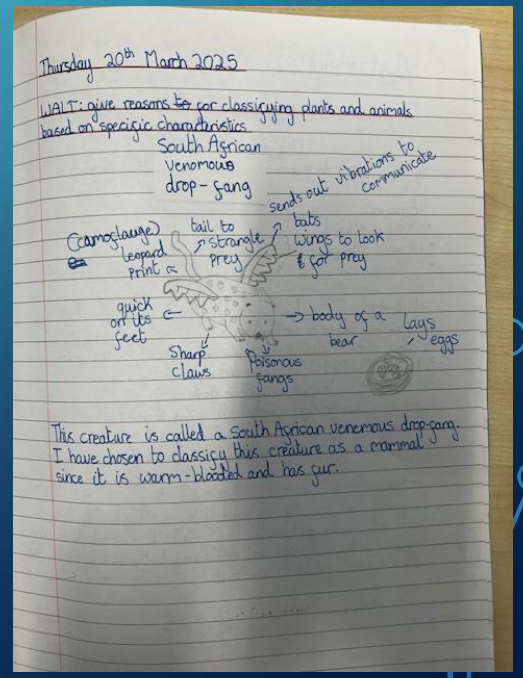

Walt: explain how the Earth's tilt leads to seasonal changes
March Equinox
Spring
Winter
Summer Solstice
December Solstice
Summer
Autumn
Autumn Equinox
self
teacher
I can describe how the Earth orbits around the Sun while it is turning on its axis.
I can explain how the tilt of the Earth's axis causes seasons.
I can use my pictures or models to explain why a season is not exactly the same in different parts of the same hemisphere.
The Earth's axis is tilted by 23.5 degrees. It orbits around the sun for 365.25 days. The Equator goes horizontally across the Earth and separates 2 parts. The top part (where the UK is) is called the Northern hemisphere, the bottom part is the Southern hemisphere. Every 3 months, the seasons change and the sunlight will shine on the hottest part of Earth.

Method
First, pour the vinegar (50ml) into the empty plastic bottle bottle. Then, add the Bicarbonate Soda (20g) into the balloon. to the bottle. Finally, pour the contents of the balloon into the vinegar.
Conclusion
When the Bicarbonate of Soda was mixed with the vinegar there was a chemical reaction. It immediately, bubbles mostly appeared and the balloon quickly inflated. The gas produced by this reaction was Carbon Dioxide (CO_2). After the balloon inflated, the vinegar and Bicarbonate Soda separated the Soda into the vinegar.
Balloon
Plastic bottle
Bubbles
plastic tray
Mixture \ Solution of soda and vinegar
Observation questions
• If we SHOOK the bottle would it make a difference?
• If we drinked the vinegar will it explode?
• If we put the vinegar to the top will the balloon still levitate?
• If it did levitate (float, will it go up or levitate around the room?

YEAR 6




Vertebrates
Invertebrates
Lo
Ns What is a Vertebrate?


Thursday 20th March 2025
WALT: give reasons to classicying plants and animals based on specific characteristics
South Agrican
Venomous
drop-fang
sends out vibrations to communicate
Camoflauge
leopard print
tail to strangle prey
bats wings to look for prey
quick on its feet
body of a bear
lays eggs
Sharp claws
Poisonous fangs
This creature is called a South Agrican venemous drop-fang. I have chosen to classicy this creature as a mammal since it is warm-blooded and has fur.