

HOLY FAMILY NS BALLYMOTE ROAD TUBBERCURRY SLIGO

Discover Primary Science Project
2019/DSM/247

Step 1 Science

Our school has been actively involved in the DPS and Maths Programme for a number of years. We have found that through engagement with the project we are encouraged to involve all classes in Science and Maths during the school year. Our plaques are proudly on display in our new building

We are actively using tablets in class and we have found that through the use of tablets we can display our work on social media

We are also active on facebook and twitter and have found we can show off our science activities online.

@holyfamilysligo holyfamily NS tubbercurry

INTRODUCTION



SCIENCE

1. Living things – Farmyard in classroom, Growing and planting, Grow at School (GIY) Pilot, Seasons, Healthy Eating
2. Energy and Forces – Electricity, Quiz Boards
3. Materials – Bridges, Infants materials
4. Environmental awareness and Care: Green School Award (7), Explorers Programme



OUR WALL DISPLAYS SHOWING SOME OF OUR SCIENCE
LANGUAGE AND WORK – GREEN SCHOOL PROJECT AND
FLOWERS IN SPRING



FARMYARD IN THE CLASSROOM LIVING THINGS

Every year we try to organise a science activity in the school that everyone can be part of at the one time. This year we invited the Farmyard in the Classroom to our school. This gave all the pupils time to look, talk and think about animals in our environment. We have a lot of diversity in our school – some children may never have seen these animals before. The children were more excited than the children!!



FARMYARD IN THE CLASSROOM – THE FARM WAS SET UP IN THE SCHOOL HALL FOR THE DAY. THE CHILDREN GOT OPPORTUNITIES TO HOLD AND TALK ABOUT THE ANIMALS.



FARMYARD IN THE CLASSROOM – AFTER SOME INITIAL SHYNESS THE CHILDREN ALL INTRODUCED THEMSELVES TO THE VARIOUS ANIMALS.



FARMYARD IN THE CLASSROOM



AS PART OF OUR GREEN SCHOOL PROJECT WE ARE DOING PLANTING IN THE SCHOOL. THE LOCAL TIDY TOWN ALSO HAVE HELPED US OUT WITH RAISED BEDS

Grow at School



GIY



WE ARE ALSO PART OF THE GROW AT SCHOOL –
GROW IT YOURSELF PROJECT



GIY PROJECT: OUR SCHOOL IS ONE OF 30 SCHOOLS
SELECTED AS PART OF A PILOT PROJECT. AS PART OF THIS
PROJECT WE HAVE TO INSTALL THE 4 RAISED BEDS



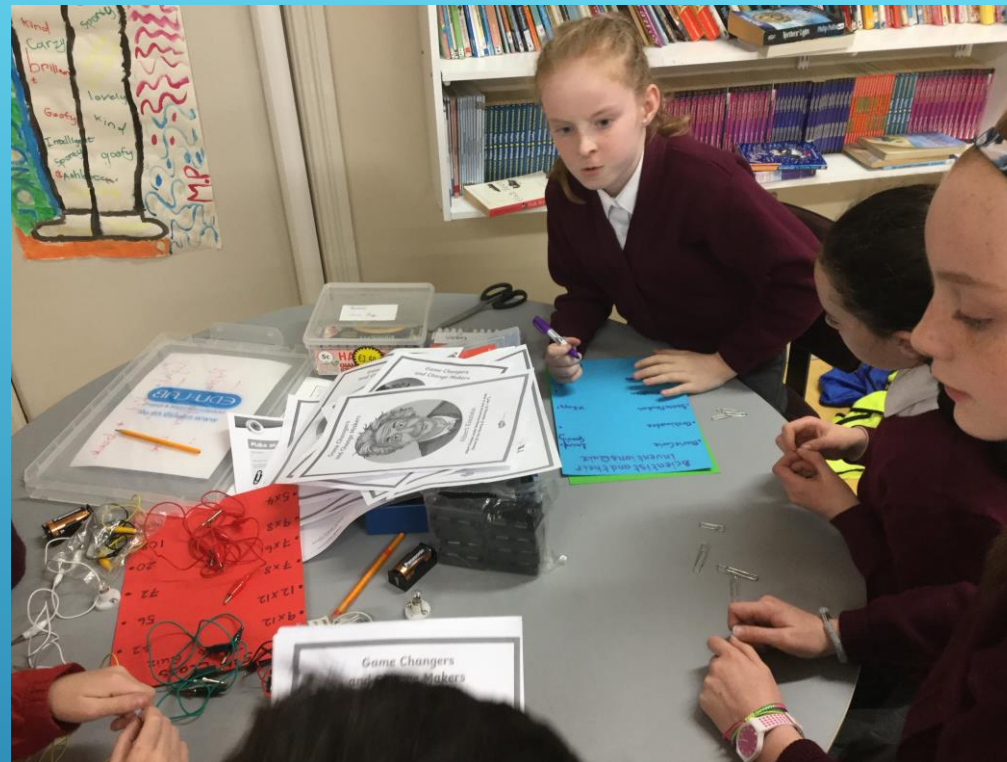
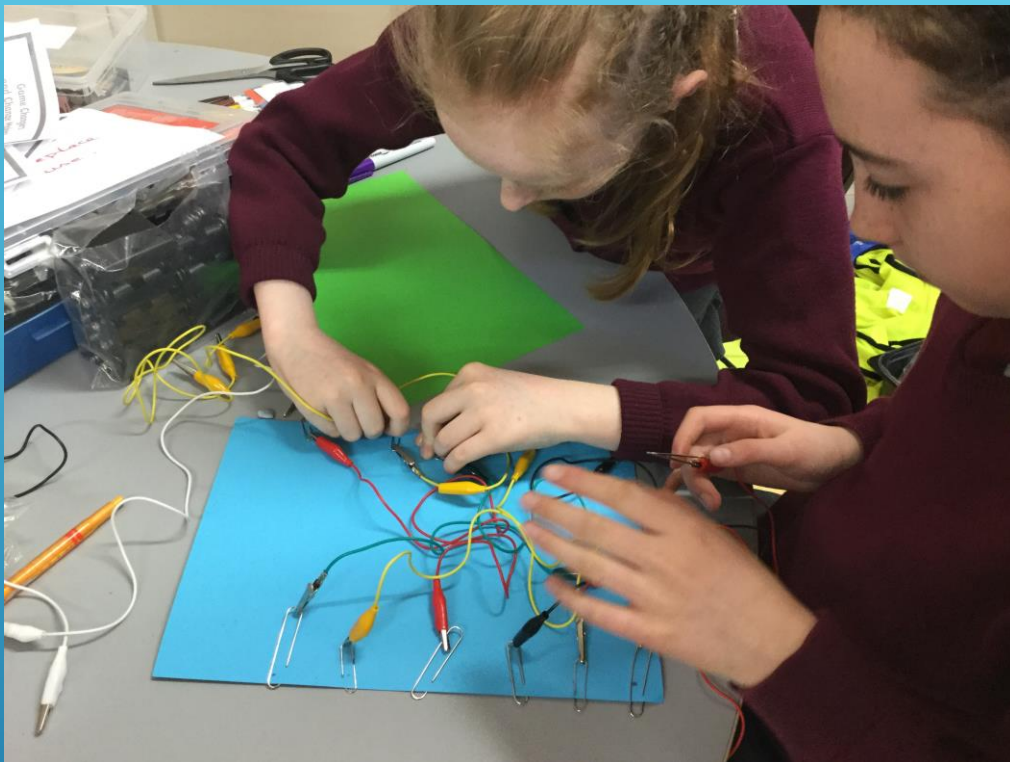
WE HAVE TO FOLLOW THE GARDEN PLAN FOR 3 YEARS AND KEEP SURVEYS OF THE PLANTING AND GROWING. THERE ARE CURRICULUM PLANS TO BE FOLLOWED AS PART OF THIS PROJECT



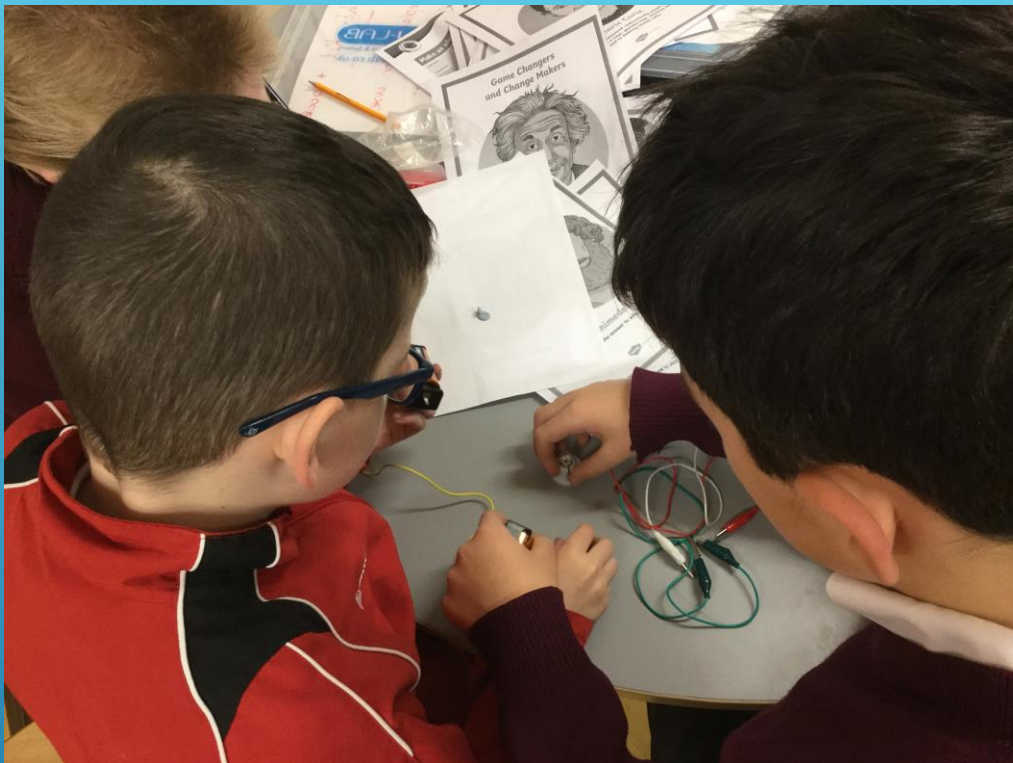
HEALTHY EATING – AS PART OF OUR SCHOOL LUNCHEES AND
HEALTH PROMOTING SCHOOL FRESH TODAY CAME TO TALK
TO ALL PUPILS ABOUT HEALTHY EATING AND THE SCIENCE OF
FOOD



ENERGY AND FORCES



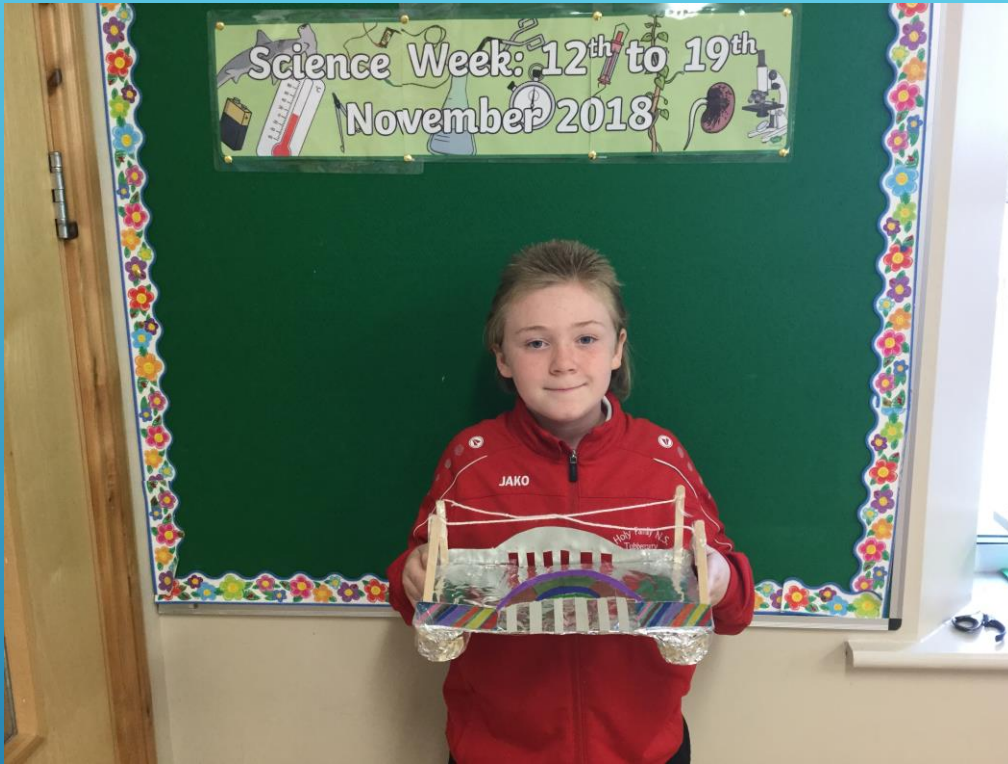
DURING SCIENCE WEEK 5TH CLASS WORKED WITH ELECTRICITY AND MADE QUIZ BOARDS. YOU CAN SEE THE CHILDREN WORKING ON CIRCUITS AT THE BACK OF THEIR QUIZ BOARDS.



A VERY BUSY CLASS ACTIVITY BUT I'M SURE
WE WILL HAVE LOTS OF FUTURE
ELECTRICIANS HERE!



MATERIALS – CONSTRUCTION



AS PART OF OUR ENGINEERING AND
SCIENCE WE LOOKED AT MAKING BRIDGES



WE LOOKED AT DIFFERENT MATERIALS AND
DESIGNS TO CONSTRUCT OUR SUPER
BRIDGES!

Senior Infants



Materials



DURING SCIENCE WEEK OUR INFANTS WERE
LOOKING AT MATERIALS. LOOK AT THE LOVELY
COLOURS!

Materials



Senior Infants



MS MARREN'S CLASS DID LOTS OF WORK AND A LOVELY DISPLAY
THEY LOOKED AT DIFFERENT TYPES OF MATERIALS AND THE LANGUAGE TO
GO WITH THEM. THEY MADE PEOPLE USUAL DIFFERENT MATERIALS

ENVIRONMENTAL AWARENESS GREEN FLAG 7 WATER POLLUTION

We have just been awarded our 7th Green Flag

The presentation ceremony is on May 16th

3rd and 4th classes were also involved with a
Water Pollution Programme

Our Slogan Competition



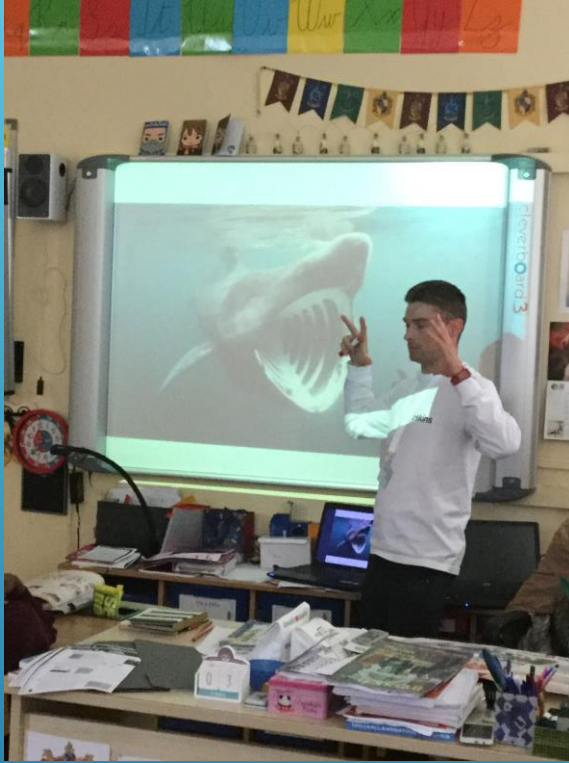
Our Green Flag Wall



GREEN SCHOOL – AS PART OF OUR GREEN SCHOOL APPLICATION OUR GREEN SCHOOL COMMITTEE HAD A SLOGAN COMPETITION. HERE ARE OUR WINNING ENTRIES – PHOTOGRAPHED AT ASSEMBLY



3RD CLASS LISTENING TO OUR GUEST SPEAKER
TALKING ABOUT OUR OCEANS. THIS IS PART OF
THE DISCOVERY PROGRAMME



THE CHILDREN LEARNED ABOUT DIFFERENT LIFE-FORMS IN THE SEA. THE ALSO LOOKED AT THE DANGERS OF PLASTICS TO OUR OCEANS



BOTH CLASSES HAD TO DO PROJECTS ABOUT THE SAVING OUR OCEANS. AFTER THEY PRESENTED AND DISPLAYED THEM

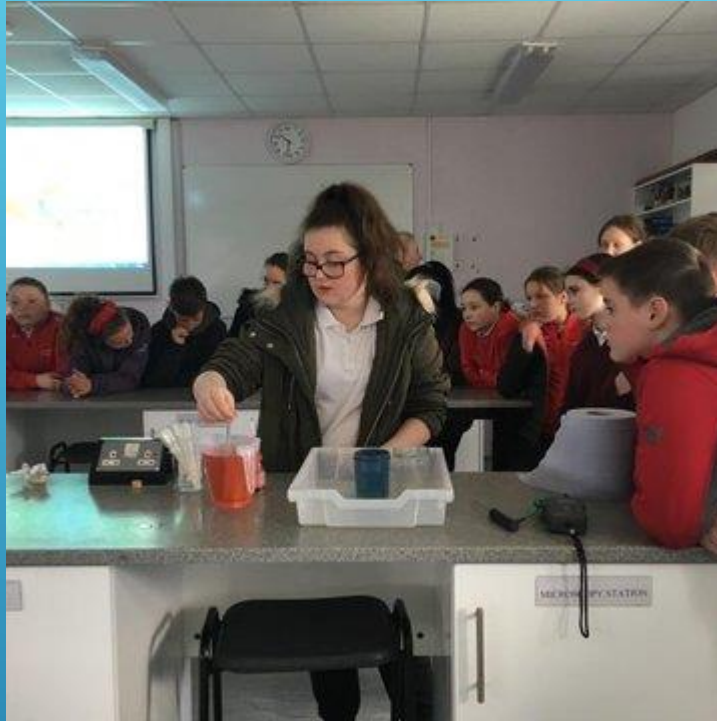
Grow your own



Grow at school



WE ARE PART OF A PILOT GROUP OF SCHOOLS SELECTED
TO BE PART OF THE GROW AT SCHOOL PROJECT. WE
HAVE ASSEMBLED OUR BEDS AND HAVE STARTED
PLANTING



SCIENCE EVENTS IN OUR SCHOOL

SCIENCE EVENTS IN OUR SCHOOL

- Erasmus Cool Science
- Library Visit – Science Week – Eureka – Airheads
- Visit to St Angela's College Rang a Sé
- Explorers Water Programme
- Farmyard in Classroom
- Minister's visit as part of Digital Town
- Open Day – Science and maths
- Internet Safety Day – Guest Speaker.

St Angela's College



Sligo



OUR 6TH CLASS TRAVELLED TO ST ANGLEA'S COLLEGE FOR A TASTER DAY. THEY HAD FUN WITH SCIENCE THERE TOO!

Eureka



Airheads



3 OF OUR CLASSES WENT TO THE LOCAL LIBRARY
FOR THE EUREKA – AIRHEADS SHOW

Erasmus



Trip to Windfarm



PUPILS FROM 4TH, 5TH AND 6TH WENT TO VISIT A WINDFARM AS PART OF THE ERASMUS PROJECT. IT WAS ALSO GOOD FOR OUR GREEN FLAG PROJECT.

Sustainable Oceans



Explorers Programme



3RD AND 4TH CLASSES HAD A NUMBER OF VISITS FROM THE EXPLORERS PROGRAMME. THEY ARE TALKING ABOUT OUR OCEANS AND OVERUSE OF PLASTICS.

Materials



Construction projects



5TH CLASS MADE GREAT BRIDGES WHICH THEY
SHOWED OFF AT ASSEMBLY