

# St. Comán's Wood Primary School

## STEP 1-Science

### Scientific Method

 **Ask a Question**



**Gather Information**

Observe – look, listen, taste, touch, smell  
Read. Ask an Expert.



**Form a Hypothesis**

Guess the answer.



**Test the Hypothesis**

Do an experiment to see if you're right.



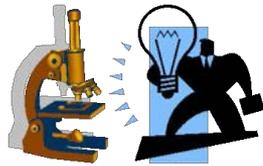
**Share the Results**

Tell other people what you learned.

St. Comán's Wood Primary School, Roscommon Town is a mixed school with an enrolment of 640 pupils and over 50 staff (teachers, SNA's, Principal, Deputy Principal & secretaries). We are delighted to apply for the STEM award once again in 2020. Throughout the project the pupils have engaged with a wide range of skills: Questioning, Observing, Predicting, Investigating & experimenting, Estimating & measuring, Analysing, Recording & communicating. Designing & Making has also been a key feature of the project where the students have explored, planned, made & evaluated their projects. Pupils have covered all the strands in Science: Living Things, Energy & Forces, Materials, Environmental Awareness & Care. They have engaged in meaningful learning, developed their ideas & used them to make sense of the world around them. Language plays a vital role as it is the principal means of communication. With 32% of our pupils who have EAL (English as a additional language) it is a testament of the high standard of teaching & learning by which all pupils were given an opportunity take part in the entire STEM project.

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## STEP 1-Science



# Science Week

# 10-17th November 2019

Visit these websites for further information & ideas

<https://www.rte.ie/eile/climate-change/>

[www.scienceweek.ie](http://www.scienceweek.ie)

[www.comanswoodprimary.ie](http://www.comanswoodprimary.ie)

[sciencebob.com](http://sciencebob.com)

[sciencekids.co.nz](http://sciencekids.co.nz)

[easyscienceforkids.com](http://easyscienceforkids.com)

[science-sparks.com](http://science-sparks.com)

[kidfriendlysearch.com](http://kidfriendlysearch.com)

[littletbinsforlitttlehands.com](http://littletbinsforlitttlehands.com)



# Science Week 2019 on the senior site!



Our Science Circuit this year, hosted by some of our 6th class pupils and Ms. Mannion proved to be very successful event. We had a broad range of experiments and challenges which were hosted over a 4 day period to ensure all of our pupils on the senior site (4th, 5th and 6th class) got to complete each experiment/discovery station. There were 12 stations in total. Pupils from Ms. Mannion's 6th class were each given charge of a station and had prepared themselves to guide the pupils through the challenges as well as keeping the station tidy for the next group. We used a lot of mathematical skills also during this week. These included estimating, predicting, measuring, recording and analysing. Thanks also, to some pupils from Ms. Gately's 6th class who helped us out during the week. The St. Comán's Wood Circuit was very much a hands-on approach to Science and was a great success. Pupils and staff really enjoyed the experience.

# CBS Sci-Fest attended by 4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup> Class pupils!



- The CBS secondary school again hosted their annual Sci-Fest during Science Week 2019, which is also open to entries from surrounding primary school pupils in 4th, 5th and 6th class. Pupils in each class presented their science projects to their own class and a visiting class. The standard of work presented was absolutely excellent and it was a wonderful opportunity for all of our pupils to gain experience presenting their experiments and answering questions about their findings. It was a really difficult decision to choose which projects would go through to the Sci-Fest as the standard of work was so high. 1 project was selected from each class. We had a total of 20 students representing St. Coman's Wood. Each project was assessed by judges. CEO of Sci-fest, Sheila Porter, was in attendance at the event to help judge the projects and was hugely impressed by the high standard of the projects. Overall, 9 of our pupils received awards. A group of our 6th class pupils won the overall primary school section with their experiment on DNA. Congratulations Erika, Daniella and Ava!

# Ms. Mannion's Speech & Language Class growing grass!



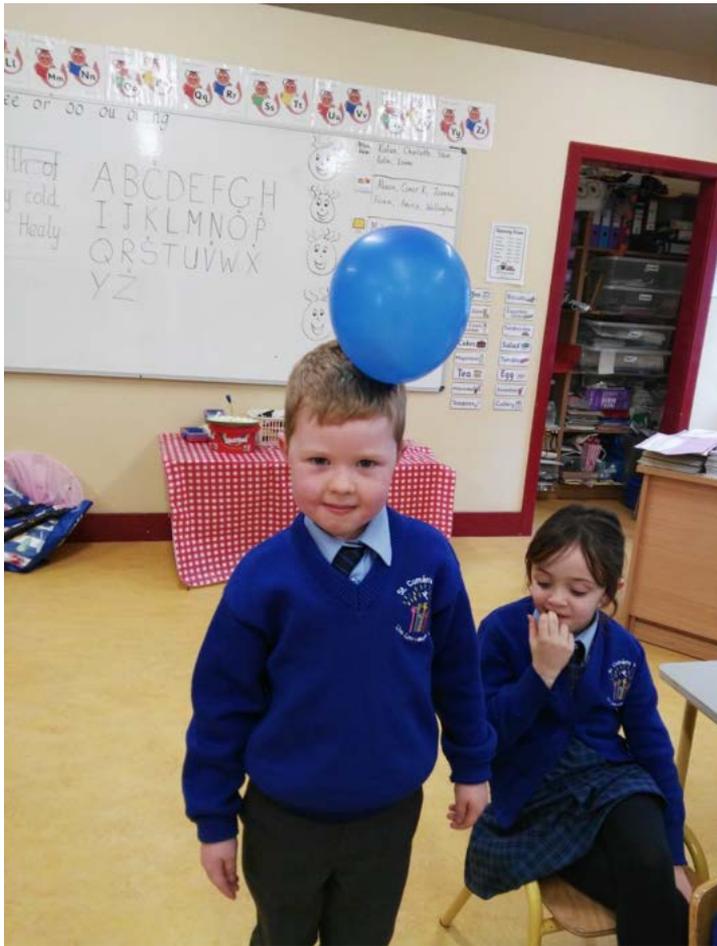
# Ms. Mannion's Speech & Language Class & Mr. Morelli's Class for Hearing Impaired making pancakes!



# Ms Ward's Senior Infants



# Ms Ward's Senior Infants



# Mr. Morelli's Class for Hearing Impaired exploring heat



# Ms. Dolan's 2<sup>nd</sup> Class exploring static electricity



# Growing an avocado!



# Planting seeds



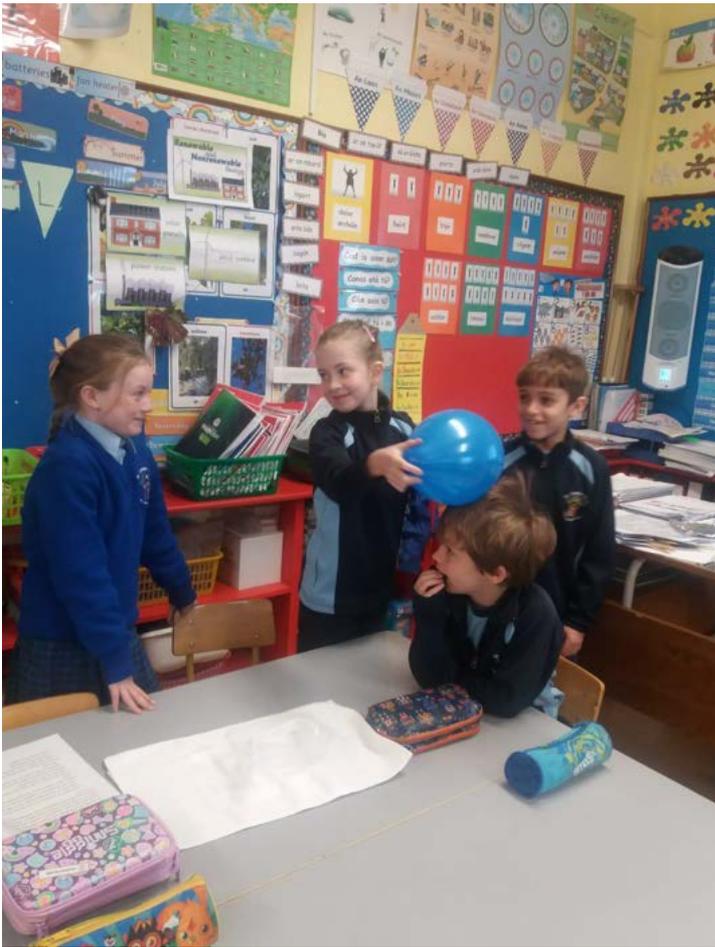
# Ms. Greene's 3<sup>rd</sup> Class exploring materials & change



# Ms. Greene's 3<sup>rd</sup> Class exploring materials & change



# Ms. Keane's 2<sup>nd</sup> Class exploring the effects of static electricity



# 6<sup>th</sup> Class demonstrating Oobleck experiment for 2<sup>nd</sup> & 3<sup>rd</sup> Class

