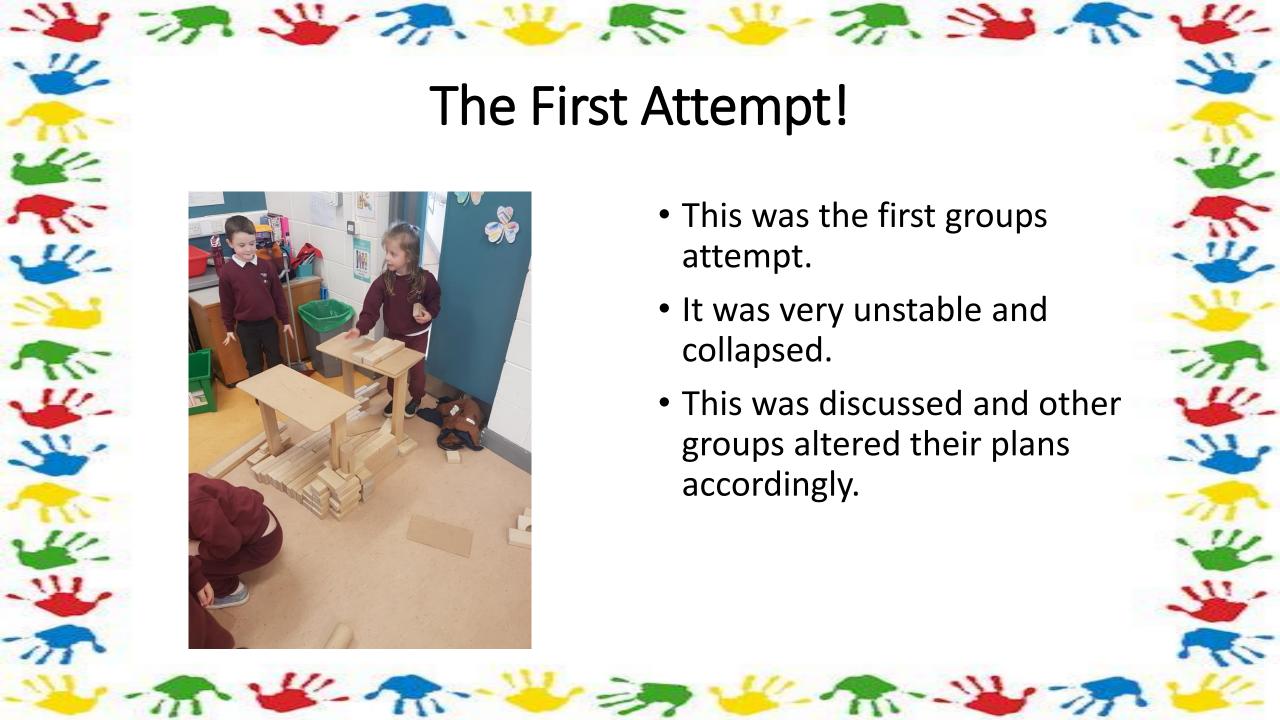


Activities completed

- Junior and Senior Infants designed and built bridges;
- Partial and 5th classes were learning about houses and homes and were visited by a structural engineer who explained his work;
 - 6th class completed a project on renewable energy and linked their learning to a local wind farm;

- As part of Active Week, the school will visit the area of this wind farm.
 6th class will observe their learning in action;
- As part of Engineers Week, 3rd & 4th
 class designed ways to protect
 their eggs during an Egg Drop and;
- 3rd, 4th and 5th classes experimented with matchsticks and blutack. They designed and created different 3D shapes.









3rd, 4th and 5th Class were visited by an Engineer. His talk related to work they were doing in class.



Scoil Ghormain Naofa,

STEM

Visit to the school by Structural Engineer Diagnaid O' Súilleabháin

Date: 1st May, 2019.

Classes: 3rd, 4th and 5th Class.

General Plan:

- Introduction about the role of a structural engineer. A general outline of a typical day and projects that Diarmaid undertakes.
- The class discuss the different types of engineer that they know about, for example Biomedical, Civil, Chemical, Electronic, Software, Mechanical Engineers.

Q and A:

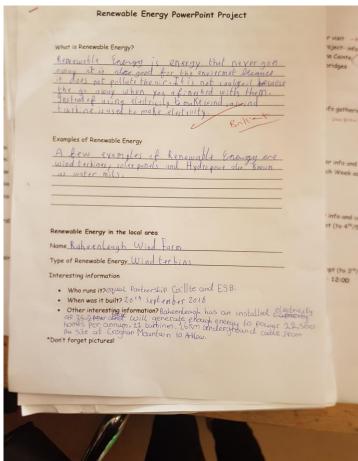
- > Why did you become an engineer?
- > What is the best thing about your job?
- > In a typical day, what do you do?
- > What is the best project you have every worked on?
- What was your favourite subject in school/what subject was most helpful for engineering?
- The classes have been doing project work about homes and houses. Different types of homes have been discussed in detail and the children have learned about the materials used when building a house. They will discuss about Environmentally Friendly Buildings and sustainable energy used in modern buildings.
- Key Discussion Words: Solar panels, double and triple glazed windows, insulation, wind energy, geothermal energy.
- The classes design their own dream home in groups, using all the information about building materials, sustainable energy, engineering and architecture that they now know.





6th Class completed a project on Renewable Energy. They focused on a local wind farm, Raheenleagh.







Some examples of our Renewable Energy projects. We learned about the different types of renewable energy.

What is Renewable Energy

Renewable Energy is energy from a source that is not wasted when used such as wind and sun power. Renewable energy is also called "clean energy" or "green power" because it doesn't pollute the air or the water.

Types of renewable energy

Here are some types of renewable energy



Solar power

Solar power is the clearest most reliable form of Renewable energy available, and it can be used in many forms to help power your home or business.

Like electricity and gas, Solar power can be used as energy.



3rd & 4th Class Egg Drop











