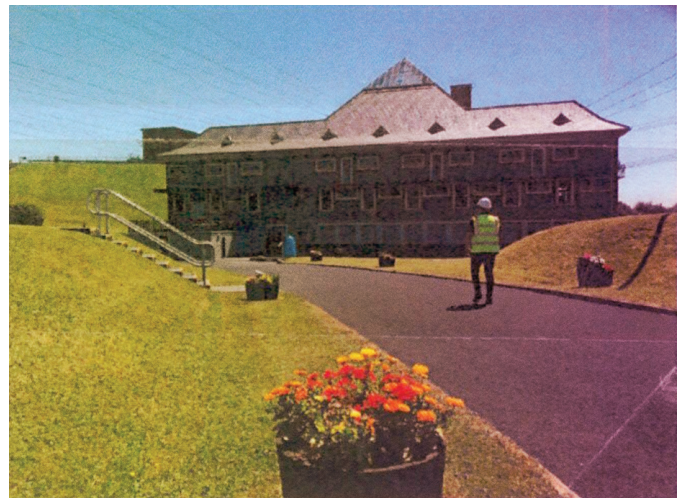


THE ARDNACRUSHA EXPERIENCE

Your class will work as a team to create a complete report as you explore the world famous Ardnacrusha power station. As part of **TEAM A**, your job is to write down some facts about the Visitor Centre and the Dam. Work as a detective as you pass through the different sections of the station. Keep your eyes and ears peeled for the answers! Give it your best effort. **Good luck!**



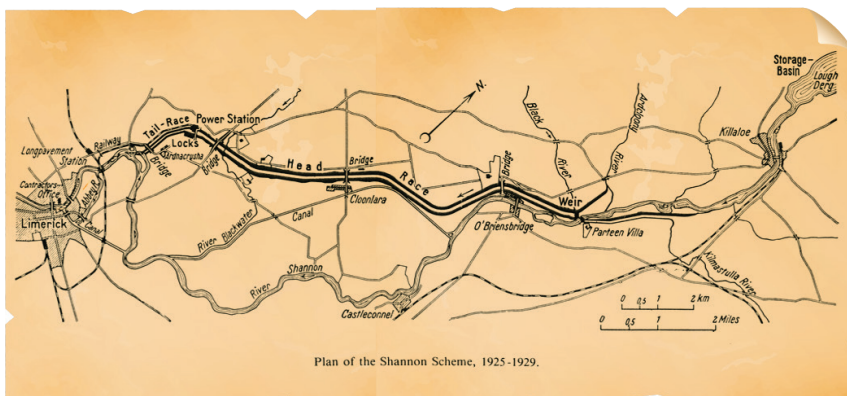
THE VISITOR CENTRE



**'...with the flick of a switch,
Ireland was changed forever'**



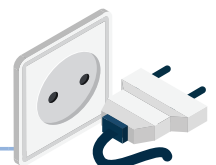
It all starts here! On what date did The Irish Free State sign a contract with a German company called Siemens-Schuckert to start building the Shannon Hydroelectric scheme?



What County is Ardnacrusha in?

The Shannon is Ireland's longest river. How long is it in kilometres?

How much did it cost to build the Shannon Scheme? Don't just say lots of money!





How many tons of earth were excavated while digging the canal from Parteen Weir to Ardnacrusha?

On what date did Ardnacrusha hydroelectric power station open? That's like asking what date is the power station's birthday?

OUT ON THE DAM

Are you ready to go see the Power Station? Make sure you have your hi-vis jacket and hard-hat on and hold on to your pencil and worksheet, it can get windy up there!

MATHS EYES

Use your maths eyes to look for **2D** and **3D** shapes that make up the parts of Ardnacrusha and write them below. Can you find 6? Not many people can!



Look at the materials you see. What were the main materials used in building the power plant?

Question time! Write down the 2 most interesting things you learned today.

1.

2.

What was your favourite part of the tour and why?

