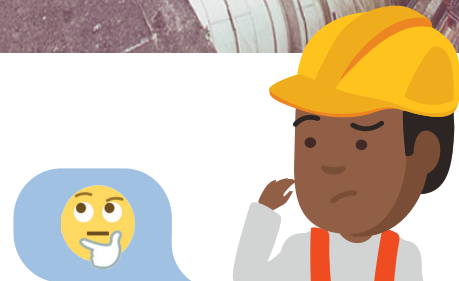


THE ARDNACRUSHA EXPERIENCE

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 D**, your job is to write down some facts about the Station and the Powerplant. 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 VIEWING PLATFORM

How do you get electricity from a river???

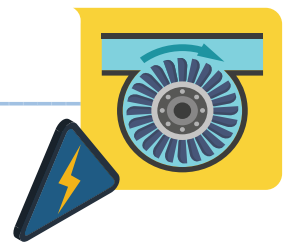
What are the turbines connected to?



How much electricity do the four turbines generate altogether?



What force makes the water flow down from the dam?



What kind of energy is hydroelectric power? (circle your answer)

Renewable or Non-renewable

Fill in the blanks to learn how Ardnacrusha generates electricity.

Water is diverted from the River _____ at _____ Weir and flows along a canal to Ardnacrusha. Here it meets a _____ metre high dam. It is then fed through four 6 metre _____ to power the _____ at the bottom of the dam.



THE ARCHIVES

Johnny Hotfoot will show you some really interesting objects from the past!

Look at all the appliances and gadgets from the past in this room. Write down the names of what you can see. Not sure about some of them? Ask!

Quickly draw a sketch of one of the items.

ESB used to have shops selling electrical appliances across Ireland to encourage people to use electricity.

How many years did ESB sell electrical appliances? _____ 

Look at the silver model of Ardnacrusha. What is different about it compared to the real thing?

(Apart from it being tiny and made of silver of course!) _____ 

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

1. _____ 

2. _____ 

What was your favourite part of the tour and why?

_____ 

_____ 

_____ 

