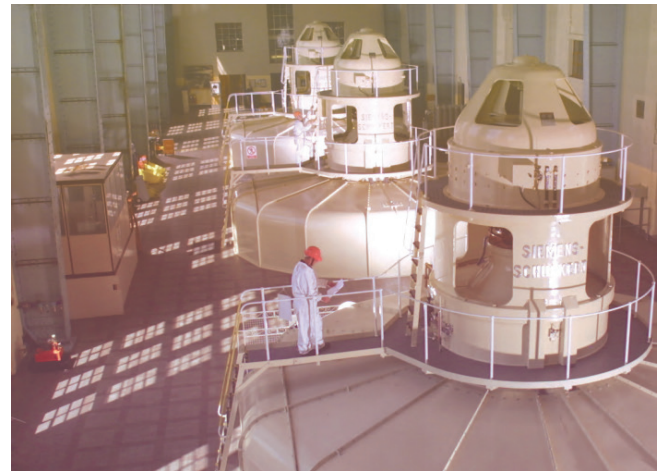


THE ARDNACRUSHA EXPERIENCE

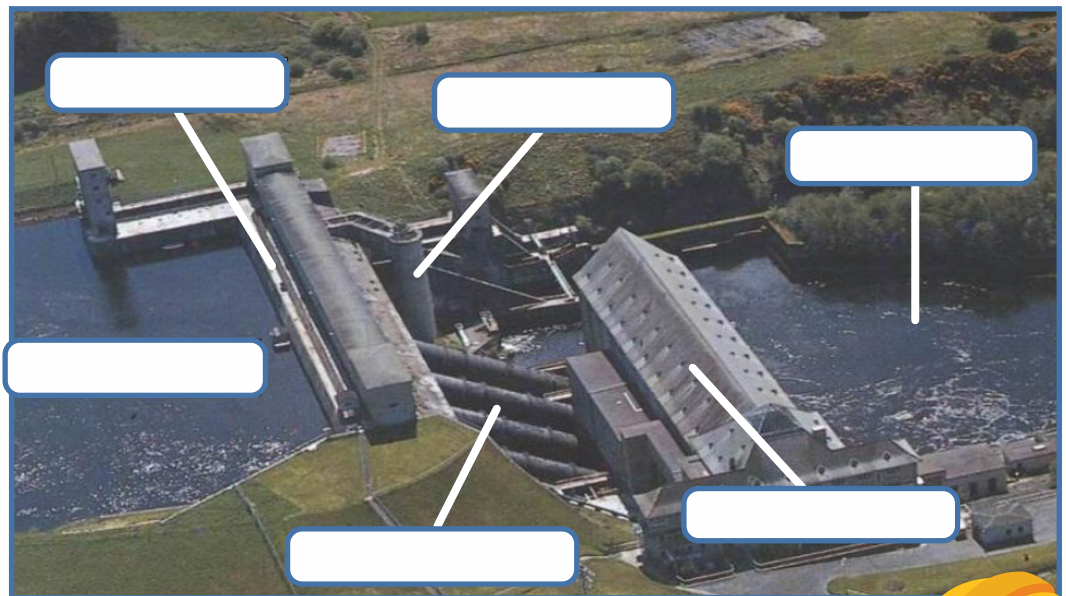
Your class will work as a team to create a complete report as you explore the world famous Ardnacrusha power station. As part of **TEAM B**, your job is to write down some facts about the Station and the Powerplant. Work as a detective as you pass through the different sections of the station. Keep your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

Good luck!



Label the different parts of Ardnacrusha in the picture. If you don't know just ask!

- Penstock
- Head-race
- Tail-race
- Turbine hall
- Fish pass
- Dam



What is the name of the machine on the front of the dam that is used to gather up rubbish and debris? (Hint: it's not called Dave)

THE FISH PASS FREE TRANSPORT FOR SWIMMERS!

What is the fish pass for?

What type of fish use the fish pass?

How does it work?

Do you see the bright green ramps way below you at the bottom of the dam. **Ask:**

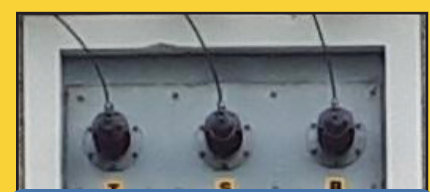
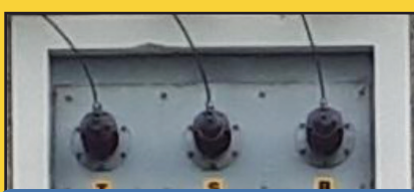
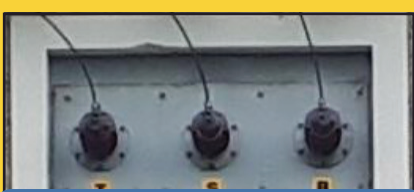
What are these green ramps for?

What is the name for baby Eels?



THE POWERPLANT

Can you see the cables heading off in different directions taking electricity to other parts of the country? Write down some of the names of places you can see in the boxes below.



Can you see the bright metal door that looks like a blue ice-cream cone? What was it for?

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

1.

2.

What was your favourite part of the tour and why?

