

Waterview Connection Video Questions

Wednesday 27 August

1. Well-Connected Alliance

Meet Glen Kirk at the Waterview Connection site office and discover how different companies are working together to complete the Western Ring Route.

1. What is an alliance?
2. People from how many different nationalities are involved in this project?
3. How does the Well-Connected Alliance work together?

Next step learning: What other big projects in New Zealand are being done by an Alliance?

2. Creating Lasting Legacies

Wander up the partially built Hendon Footbridge to look out over the Southern Approach Trench and see how this area has been changed.

1. What has been done with Oakley Creek?
2. What used to be in this area?
3. What is the Hendon Footbridge part of?

Next step learning: Imagine you are an urban designer that has been asked to design a foot bridge close to Waterview Connection, think about what would be needed and draw your own design.

3. Preparing the Southern Approach Trench

Find out how the Southern Approach Trench is being built.

1. What were the first steps in preparing the tunnel approach?
2. How was the trench created?
3. What happened to the rock that was excavated?

Next step learning: Find out more about the blasting process and how this was managed.

4. Progress on the Southern Vent Building

Meet Site Engineer Ben Scott and take in the view over the tunnel portal to see how the Southern Vent Building is progressing.

1. Why is the vent building important?
2. What happens if there is a fire in the tunnel?
3. What have been some of the challenges in starting the construction of the vent building?

Next step learning: Take a look at design drawings of the Southern Vent Building to see what it will look like and create your own design.



5. Site Safety

Have a chat with Jay Lauten the Health and Safety Coordinator and find out how workers can keep safe on site.

1. What are some of the main hazards on site?
2. What protective clothing do you need to wear?
3. What is the goal on for safety on site?

Next step learning: Make a list of hazards on site and how these could be managed.