

Rail Safety - Lesson Plans

Activity 2- Spot the Hazard

Curriculum for Excellence Experiences and Outcomes

I am learning to assess and manage risk, to protect myself and others, and to reduce the potential for harm when possible. **HWB 0-16a**

I know and can demonstrate how to travel safely. **HWB 0-18a**

1. Connecting the Learning - Re-cap the learning from the previous session. In pairs or small groups, ask learners to remind each other of what they can remember about where electricity can be found on the railway. Engage learners in a short discussion and challenge them to recall the voltage of each electricity source and how far electricity can 'jump'. Explain that in today's lesson, learners will identify examples of irresponsible behaviour on or near an electric railway.

2. Sharing the Learning Outcomes -

- I can identify dangerous behaviour on or near an electric railway.
- I can give reasons why such behaviour is dangerous.
- I know how to stay safe around electric railways.

3. Active Learning - Distribute Worksheet 2 'Spot the hazard' to individual pupils, pairs or small groups. Through discussion, learners should come to an agreement on the actions they think might be dangerous on or around an electric railway. Learners should circle these on the worksheet. You may wish to discuss their responses at this stage but do not ask why they chose what they did at this stage.

4. Demonstrating Understanding - Learners should understand why such actions are dangerous. On the back of the worksheet or on a separate piece of paper, learners should give one or more reasons for their choices e.g. why is flying a kite near a railway dangerous? What are the implications of doing so? What should you do instead?

5. Review and Recall - Compile a class list of reasons why electric railways are dangerous. Create a display of responsible and irresponsible behaviour on or near electric railways? Alternatively, create a list of Electric Railway 'Dos' and 'Don'ts'.