



At school: pre visit:			
<p><b>Creativity</b> Make a model of a steam train using recycled materials. Create a sgraffito (scratch) picture of the train KA945 travelling through the night.</p>	<p><b>Collaboration</b> In groups use rolled newspapers to build a bridge that is one metre long. Test for strength and stability. What is the maximum weight your bridge can take?</p>	<p><b>Critical thinking</b> Why do you think some structures are stronger than others?</p>	<p><b>Success criteria</b> Be a part of the group for construction activity and be able to discuss your group's efforts.</p>

At the museum:			
<p><b>Creativity</b> Look at the design of the memorial at Tangiwai. How do you feel about it as a place of remembrance? Rebuild the 3D model of the Tangiwai site.</p>	<p><b>Collaboration</b> Visit the Tangiwai Memorial. Read the boards and explore the site with a buddy. Watch one of the following clips of the 2007 lahar to gain a visual picture of what happened. <a href="https://www.youtube.com/watch?v=3nvsAxaUyo8">https://www.youtube.com/watch?v=3nvsAxaUyo8</a> <a href="https://www.youtube.com/watch?v=PpB_TpukqdU&amp;t=26s">https://www.youtube.com/watch?v=PpB_TpukqdU&amp;t=26s</a></p>	<p><b>Critical thinking</b> Look at the Tangiwai cabinet. Why do you think this medal was awarded? How was the NZ Army involved?</p>	<p><b>Success criteria</b> Students can relate/retell the events of 24/12/53.</p>

Back at school:			
<p><b>Creativity</b> Design a poster for a commemorative event.</p>	<p><b>Collaboration</b> Organise an event to remember the people who were lost. Donate any funds made to St Johns. Invite a member of the Department of Conservation to speak to your class about Mt Ruapehu.</p>	<p><b>Critical thinking</b> What has been done to minimise damage from an event like this in the future? How have these safety systems been designed and put in place?</p>	<p><b>Success criteria</b> Students can talk about early warning systems and current safety measures.</p>