Memorial Park 2 Video Questions

Wednesday 14 May 2014

1. The Home of Compassion Crèche
Listen as Mathew Tonks gives a rundown of the reasons why this historic building is being preserved and included as part of the Memorial Park.
1. When was the The Home of Compassion Crèche built?
2. What is a crèche?
3. Why have some parts of the crèche been put in storage?

Next step learning: Find out about historic buildings near you that have been preserved.

2. Preparing to Move The Home of Compassion Crèche
Meet Site Engineer Htut Win and hear about how the team are planning to move the crèche in one piece to its new home.
1. What is used to cover the brick walls for the move?
2. Where are the wooden joists?
3. What is the next part of this job to be done?

Next step learning: Find out about techniques used in building that give strength to a structure.

3. Moving The Home of Compassion Crèche
Htut Win describes the process of moving the Home of Compassion Crèche.
1. What material is on top of the "runway" beams?
2. What have surveyors checked and made sure about on the runway beams?
3. What are the blocks made of that have contact with the stainless steel (that covers the top of the runway)?

Next step learning: Do some further research into the methods used for shifting whole buildings.

4. Management of Stormwater and Groundwater
Meet Michelle Knapstein and hear how groundwater and stormwater is managed around the underpass.
1. What could groundwater do to the underpass walls if it wasn't drained away?
2. What does the gravel do?
3. What are the manholes connected to?

Next step learning: Do some investigations on stormwater and groundwater management in the town that you live.

5. The Use of Geographic Information System (GIS)

Katherine Heays explains how GIS is used for creating stormwater and drainwater systems around the underpass.

1. How does Katherine describe what GIS does?
2. What do land contours tell Katherine?
3. What is a catchment?

Next step learning: Investigate more about the use of GIS.