

FLOOD PREVENTION



YOUR TASK TODAY IS TO DESIGN A FLOOD PREVENTION STRATEGY TO PROTECT A SETTLEMENT.

More than 1,500 people were evacuated from Whaley Bridge, Derbyshire, in August over fears the dam would collapse and flood the town. Residents returned home after emergency services pumped water from the reservoir and shored up the spillway. Permanent repairs will not begin until 2021 and will take "several years".

Your task is to design a flood prevention strategy to help with the permanent repairs taking place in 2021. What can you come up with to prevent the dam flooding again?

Do some research into the events that happened at Whaley Bridge and use this information to create an informed design. Remember to label the materials needed and why.

Once you have completed your design, we'd like you to prepare a presentation to present the design to the community. How will you sell it to them? What are the pros/cons of your design and how are you sure it will work?

Consider the environmental impacts.

