

Today was the final day on our projects. We used our data loggers to find out how much we had reduced the sound decibels emitted from the timer. We made videos to share with our STEM ambassador to show him our results and explain improvements we have made.

"It's made me realise how many things are thought about when quarries are set up. We have found it really easy to lower the sound that reaches a neighbouring village, but we haven't done this in an aesthetically pleasing way, so I don't think the villagers will be very happy with that."

Brodie.

"We have made ours look really good with all these cool art designs, but this might not make everyone happy. So it is hard for a designer to try to keep everyone happy about a build."

Abbie

"I liked how Hazen taught us about hard and soft materials because at first we thought, 'Right, we need to build really big walls!' but actually Hazen explained how softer materials such as bushes and trees are much more effective on reducing sound pollution."

Leon.

"I enjoyed watching the videos about how work is done on a quarry and how they use so many different machines to take the resource from the ground to where it is needed. I think I would quite like to use machinery like this when I am older."

Reece

"It has made me realise that there are real problems out there and that adults can't just do something, they have to think about how it impacts on others and come up with solutions. I would much rather be in the designing part than actually working in a quarry as the blasts are so loud."

Isobel

"I was surprised how much maths this project would need. I really enjoyed Hazen showing us how he uses mathematics to make a controlled blast. I also enjoyed understanding the data coming from the data logger and having to make quick decisions. It made me feel good about my confidence with maths."

Leon



