



BFS STEM DAY



The much-anticipated STEM Day 2021 finally happened after a year on furlough! And wow, it didn't disappoint! Tuesday 13 July saw 14 different activities carefully planned and prepared and delivered by enthusiastic members of staff who were as excited as the students to do something different as well as Bath Rugby coming in to do a Try Engineering session.

Activities included making an Egg Protection Unit, building a super volcano and earthquake proof buildings, developing spaghetti and marshmallow bridges to hold great weights, engineering robotic hands, designing a super marble run, invisible ink, boats and balloon travel with Oh My Science, learning about aeronautical engineering with an Airbus Flying Start taster activity, using Microbits to control traffic lights and buggies, learning about cryptography and cracking codes, earning resources in French to build a miniature Eiffel Tower and understanding how Maths fits into Music and Art. The buzz around the school was amazing and it was wonderful to see students fully engaged in activities as well as the amount of resilience shown when something didn't quite work or go as planned!

Student feedback was phenomenal and overwhelmingly positive. When asked what did you like most about STEM Day, comments include "All the innovation and uniqueness of it.", "The activities were challenging, and required teamwork", "I liked how there were new things to try that I hadn't done before and learnt new skills", "It was so inclusive with everyone.", "The fact that we got to try new things and learn more about how to protect building from earthquakes. Also, making super volcanos was really fun as we got to experiment and see what happen when we used different amounts of the ingredients and try things out."

Students isolating at home also had opportunities to take part in a range of STEM tasks. Activities included challenges involving sport, gaming and the entertainment industry alongside a selection from the British Army about CSI, Hacking, camouflage techniques, extreme survival methods, using Maths to plan an escape and making paper!

Thank you to everyone involved in preparing for the day - the hard work behind the scenes of the staff delivering the sessions made the day some memorable for the students. Thank you to all the students for being so engaged and enthusiastic about the day - you made the day so special! Well done! - Mrs Sherman

