

Virtual Heritage Wales – Caerwent Roman Town

Jane Ellis: [First Campus](#), [University of South Wales](#) & Craig Oats:
Digichemistry Studios

Imagine visiting Caerwent Roman Town, downloading an app to your phone, looking through portable virtual reality goggles and seeing the town as it would have looked when it was first built. Using this immersive 3D virtual experience, the Virtual Heritage Wales project has been able to bring not just the buildings, but the human stories, of the first century AD to life.

First Campus secured £39,000 from HLF to create a digitally organic 3D experience of Caerwent Roman Town. Working with Digichemistry Studios and the latest 3D technologies, we engaged young people (10 - 17 years) from Communities First areas across South East Wales in the design and creation of a virtual platform for learning about the history and heritage of Caerwent Roman Town.

Participants created an interactive app and website (which we will showcase in the talk); three VFX undergraduate students at the University of South Wales built the site buildings as a fully immersive 3D experience, while the young people, in collaboration with the National Museum of Wales, researched, recreated and filmed, using green screen, the human stories of Roman life in the town. They also created a documentary film detailing the processes. The project will culminate as an installation at the Roman Legionary Museum in Caerwent, offering augmented reality tours of the Market Place, Basilica and Roman House.



The project will provide the participants and visitors to Caerwent and the Roman Legion Museum the opportunity to learn about Caerwent Roman Town and the Roman conquest, occupation and settlement in Wales.

