

HIGHLY COMMENDED

Colerne Primary School Bike Shelter

Wiltshire



Locally grown larch timber was used for the shelter.

Mitchell Taylor Workshop was asked to use the design of a new bike shelter as an education vehicle for Years 3 and 4 of Colerne Primary School. Funding for this project came from a £5,000 Green Travel Grant.

The design evolved through a series of workshops with the school children. The architects came up with a number of schemes with Years 3 and 4 and put it to the whole school for a vote. The hyperbolic paraboloid shape was generated by wanting to create a self-shading structure (sun and driving rain), and responds to site-specific weather patterns.

The shape and design adds strength through its form, and thus the main timber beams are very slender. The simple flitch at the base is rotated through 90 degrees on each bay to add strength but not cost. The children were also involved in the physical construction of the project, working on site alongside the main contractor Charley Brentnall. All the timber (larch, grown locally) was donated by a local landowner.

The judges said: "This project gave the pupils the opportunity to work directly with the architects to design the bike shelter. The design and workmanship is excellent — a project that all involved should be immensely proud of."

CREDITS

Building owner

Colerne Primary School

Architect

Mitchell Taylor Workshop
(with Years 3 & 4 of Colerne
Primary School)

Main contractor

Charley Brentnall (with Years
3 & 4 of Colerne Primary School)

Wood supplier Local landowner

Wood species Larch, Lawson
cypress and spruce (all home grown)