

Commitment to Sustainability

The proposals have been informed by, and will help the School meet, its commitment to its sustainability goals; playing a significant part in the ambition to become carbon neutral by 2030.

Building Design

In the design and materials used in the proposed new buildings will support the School's aim of achieving a BREEAM rating of 'Excellent' for each new building. They incorporate a range of features that will improve the School's energy efficiency. These include:

- High-quality building materials that will minimise heat loss in the winter and heat gain in the summer;
- Mechanical and natural ventilation systems to reduce energy consumption;
- Moving to a more sustainable heating system which will include an air source heat pump;
- Heat recovery unit;
- Solar panels installed on the roof; and
- Supported by a Building Management System

This approach will ensure that the School's commitment to sustainability is reflected in the buildings in which these principles are taught.

Transport

Changes to the road infrastructure within the site will increase the capacity of sustainable modes of transport. Providing bike storage will also encourage more students and teachers to travel to school by bike.

Please see the [Transport and Access](#) section for more information.

Biodiversity

The Landscaping strategy proposes generous planting, for example, for the new reception forecourt, which has at its heart the commitment to conservation and increasing biodiversity.

Please see the [Landscaping Strategy](#) for further information.



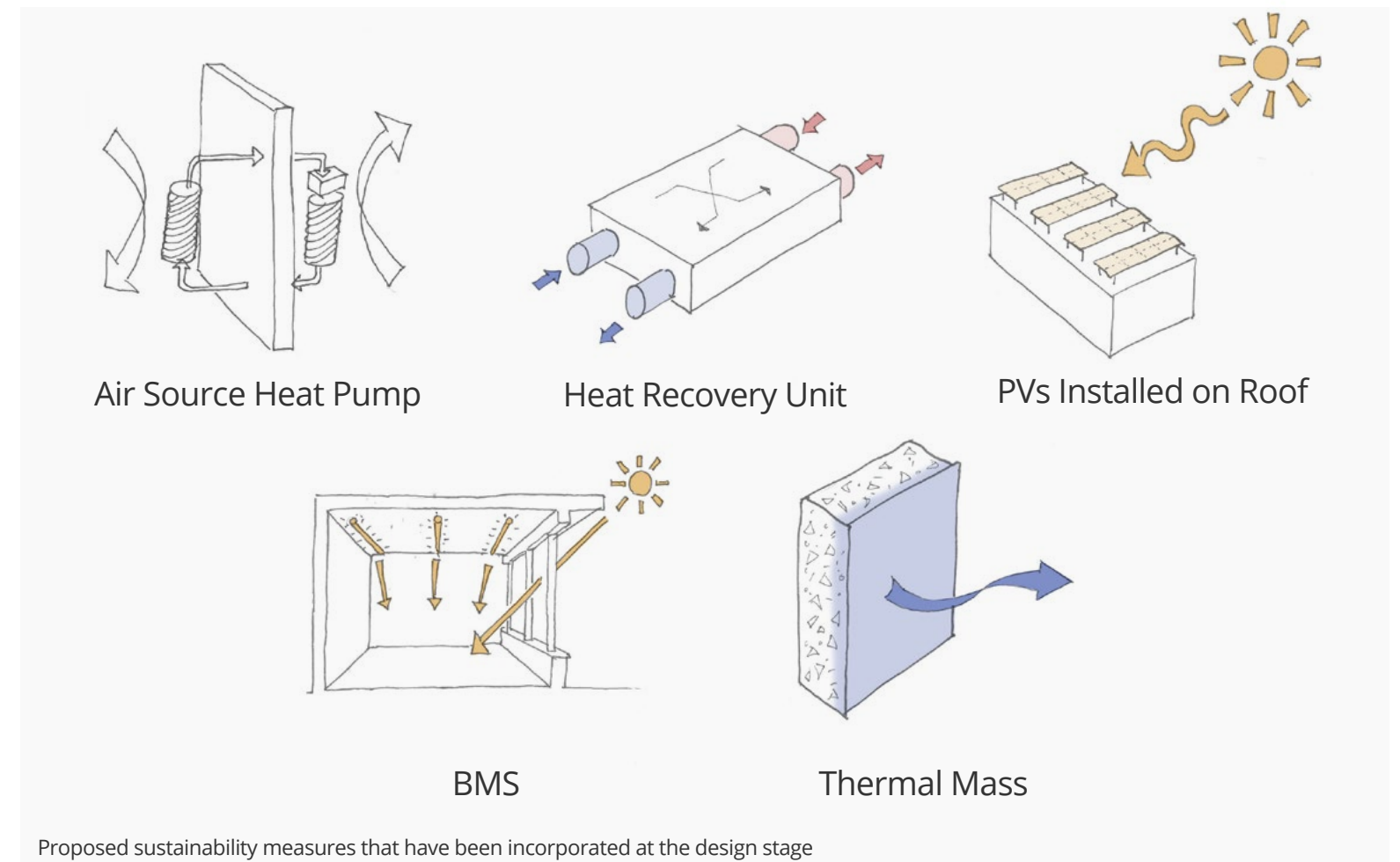
Coppicing allows light to reach the ground



Bike Storage



Solar panels are proposed for the roof



Proposed sustainability measures that have been incorporated at the design stage