



3d visuals

**design solution**

this is a **ten classroom** primary school with the classrooms arranged in two wings perpendicular to the main wing of the building creating the external courtyard and playground spaces. the **main wing** fronts on to the main access and acts as part of the **secure barrier** to the playgrounds and the rest of the school. contained within this wing are the nursery, wrap-a-round care, library, admin, community, dining, kitchen and sports facilities.

all the accommodation is linked with a **spine corridor** which runs the length of each wing creating simple and clearly defined circulation paths to aid way finding. the corridors and class room have maximised glazing to enhance the **key views** in and out of the building. the corridors and classrooms also have external **breakout spaces** which open out into the secure playground and courtyard areas allowing interaction between internal and external environments.

the school has been designed with the potential for **future expansion** of up to three additional classrooms.

the building has been **orientated** to allow the playground and courtyard spaces to take advantage of the inspirational views and to ensure the teaching spaces make good use of the **sun paths** throughout the day. the car parking and drop off areas are located to the front of the building and will be landscaped to reduce their visual impact.

the design endeavours to create **generous spaces** which are well lit with natural daylighting and naturally ventilated where practical. roof lights will be fitted to the deeper rooms to provide both **natural daylight** to the back of the rooms and **natural cross ventilation**. many of the internal spaces are also adaptable to accommodate any changing functions of the school. a study by california's public interest energy research programme found that students learning progressed 20% faster in maths and 26% faster in reading in classrooms with the highest levels of daylighting.

it is the intention that the pupil, nursery, staff and visitor entrances are **welcoming** and clearly defined. the **security** of the school will be designed in such a way that it is not detrimental to the character of the building and a good outlook will be provided for **monitoring** of all areas of the school.

the existing school building will be demolished to make way for a new flood lit, synthetic, outdoor, **multi use games area** for both school and community use.

