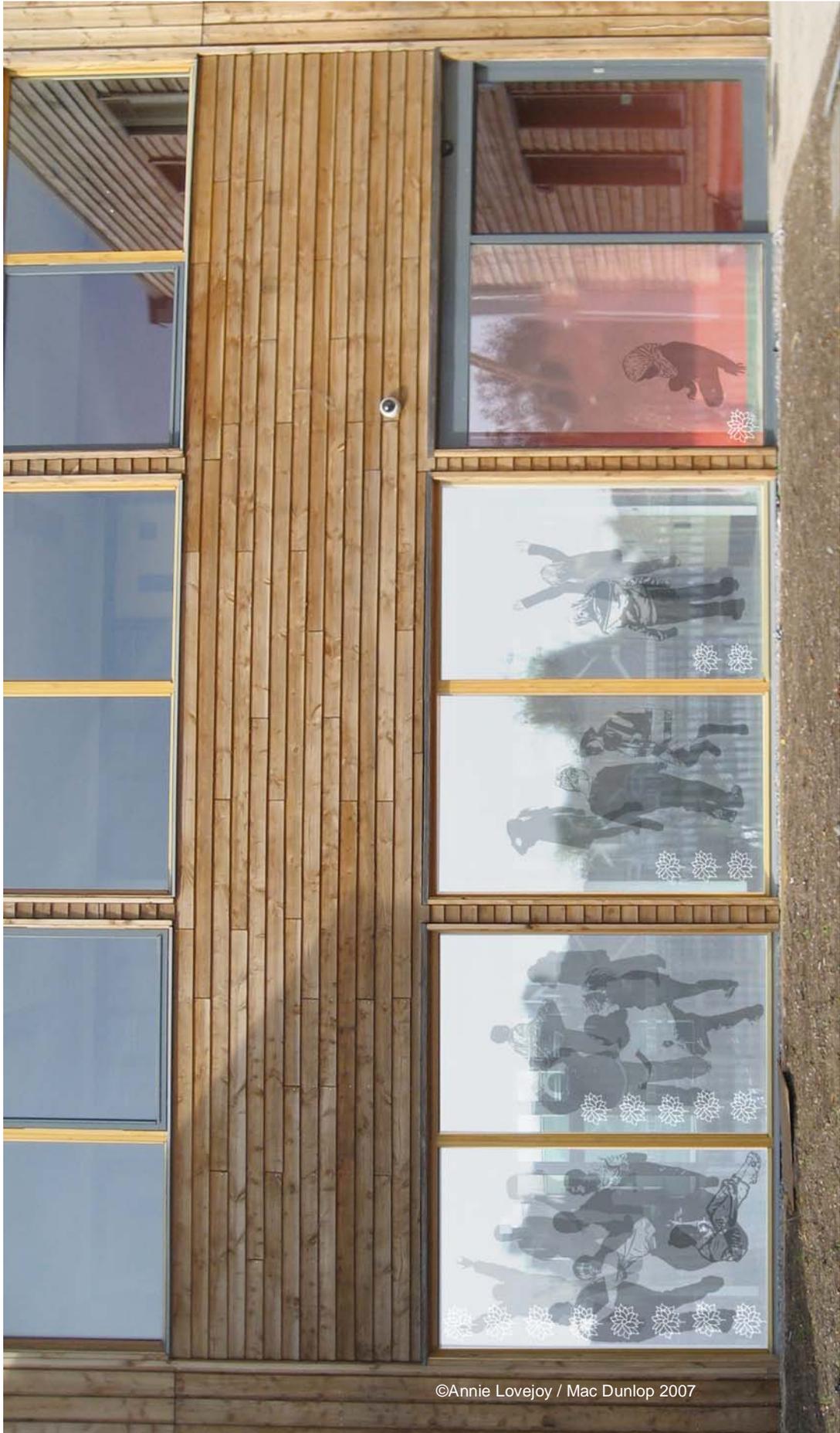


Barton Hill Primary & Children's Centre  
Corridor Window Designs



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**Design key requirements:**

monochrome (no colour)  
transparent so as not to obstruct light  
site responsive and educational

**design description:**

images of school children with flower motif (child's drawing)  
have been constructed with reference to the 'golden section' or Fibonacci numerical series.

*The idea references the 'golden section' & was prompted by a conversation with Tom Mason - we mentioned how the hall seemed of cathedral proportions & Tom thought the 'golden section' may have been used in it's architectural design.*



Panel 1



Panel 2



Panel 3



Panel 4



Panel 5

“The black and white work on the corridor windows is really great and clearly represents the school, and is clearly about ‘black and white’ which I think the children totally understand; I think they are miles ahead of us in terms of their understanding... with this window art the sun shines and casts shadows, which look like people standing in the corridor, which is amazing to see”.

Dale Martin and Denise Fog: Caretakers, Barton Hill Primary School and Children’s Centre.

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## Fibonacci Window information



The images of school children are from the arts process - the class sessions, playground and construction site visits.

Because there is glass on the exterior of the building onto the hallway and into the classroom behind, the figures are reflected in various ways. From the outside they seem to mingle with the schoolchildren as they pass by on their way to class.

The idea came from a conversation with the architect, Tom Mason - we mentioned how the hall seemed to be of cathedral proportions & Tom thought the ‘Golden Section’ may have been used in it’s design.

The ‘Golden Section’ is a simple numerical series discovered in the 12th century by Leonardo Fibonacci. It reveals the incredible mathematical relationship that we can see in natural growth patterns such as the head of a sunflower or a pine cone.

The flower symbols reference the mathematical relationship of the Golden Section, as well as the number of children in each frame of the window.

## The Golden Section



**Each new number in the series is the sum of the two before it.**

$0 + 1 = \square$

$1 + 1 = \square$

$1 + 2 = \square$

$2 + 3 = \square$

$3 + 5 = \square$