

ROOF VENTS

Allow hot air between the ceiling and the roof to escape, thereby reducing heat radiation into the classroom.



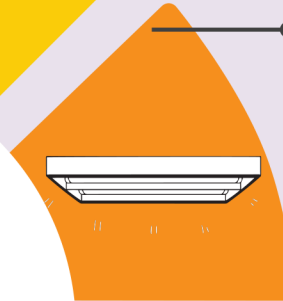
PAINTING ROOFS WITH SOLAR REFLECTIVE ULTRAWHITE PAINT

Reduce heat absorption from the sun, minimise thermal discomfort within the classroom



ROOF INSULATION WITH CEILINGS AND FALSE CEILINGS

Reduce solar radiating heat and noise from rainfall.



SHADE AWNINGS FOR WALLS AND WINDOWS

Provide protection against direct sunlight, preventing excessive heat build-up inside the classrooms

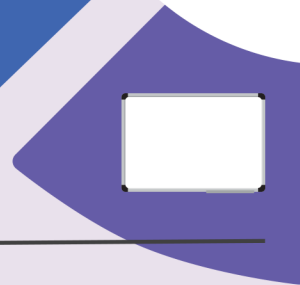


Possible retrofit interventions for classrooms



PAINTING CLASSROOMS FOR BETTER ILLUMINATION

Choosing appropriate paint colour to optimise lighting and students visual comfort in their learning environment.



PROVIDING WHITE BOARD FOR BETTER ILLUMINATION

Using white board could reduce the dust generated by the chinks and improve lighting in the classroom



INCREASING THE NUMBER, SIZE AND ORIENTATION OF THE WINDOWS

Enhance air circulation for cross ventilation, and classroom illumination



PLACING PAPYRUS MATS IN THE CEILINGS

Help to reduce the noise generated by rainfall on the roof and to mitigate the radiating heat from the roof

