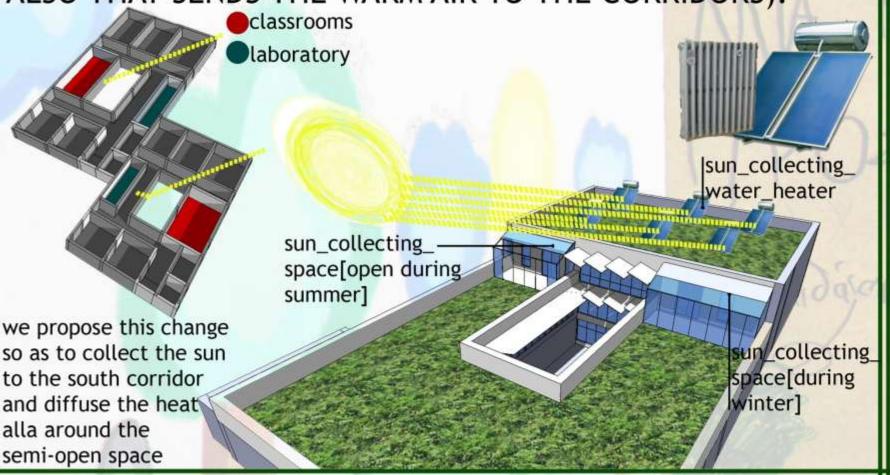
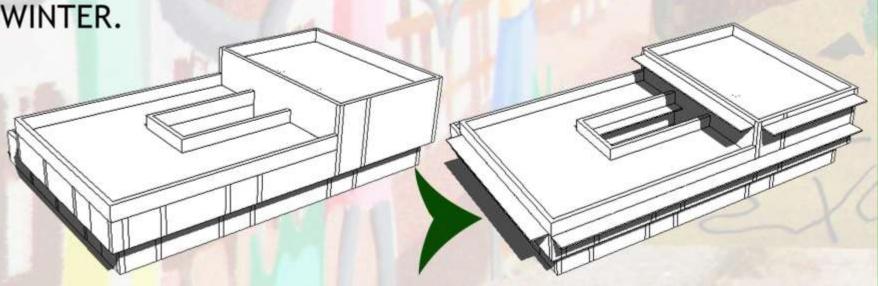


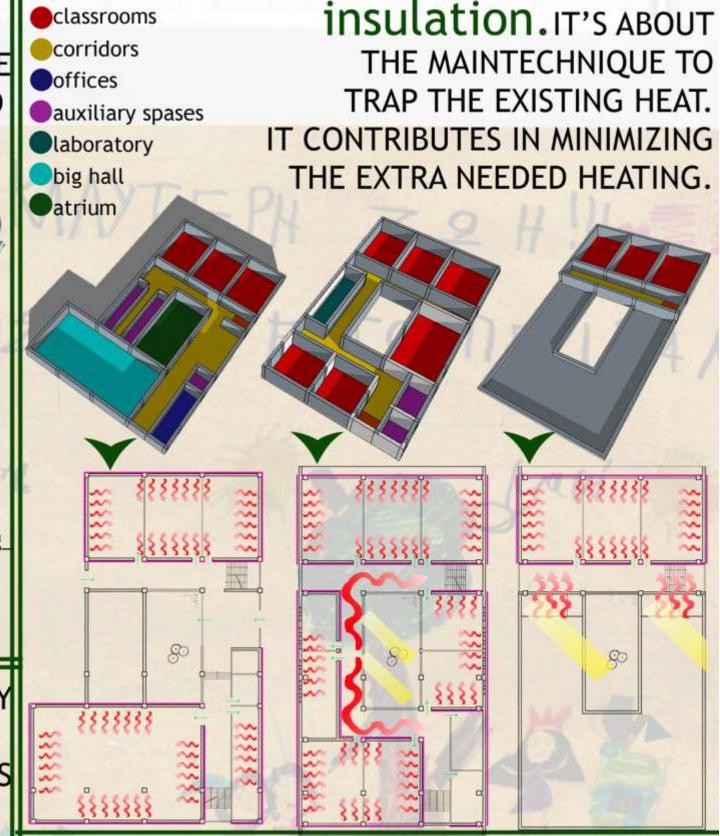


heating. WE TRIED TO COLLECT AS MUCH SUN AS IT IS POSSIBLE (WITH SUN COLLECTING WATER HEATERS THAT ARE NOW CONNECTED WITH THE CENTRAL HEATING SYSTEM AND AN ADDITIONAL SPACE ON THE ROOF FOR SUN COLLECTION ALSO THAT SENDS THE WARM AIR TO THE CORRIDORS).



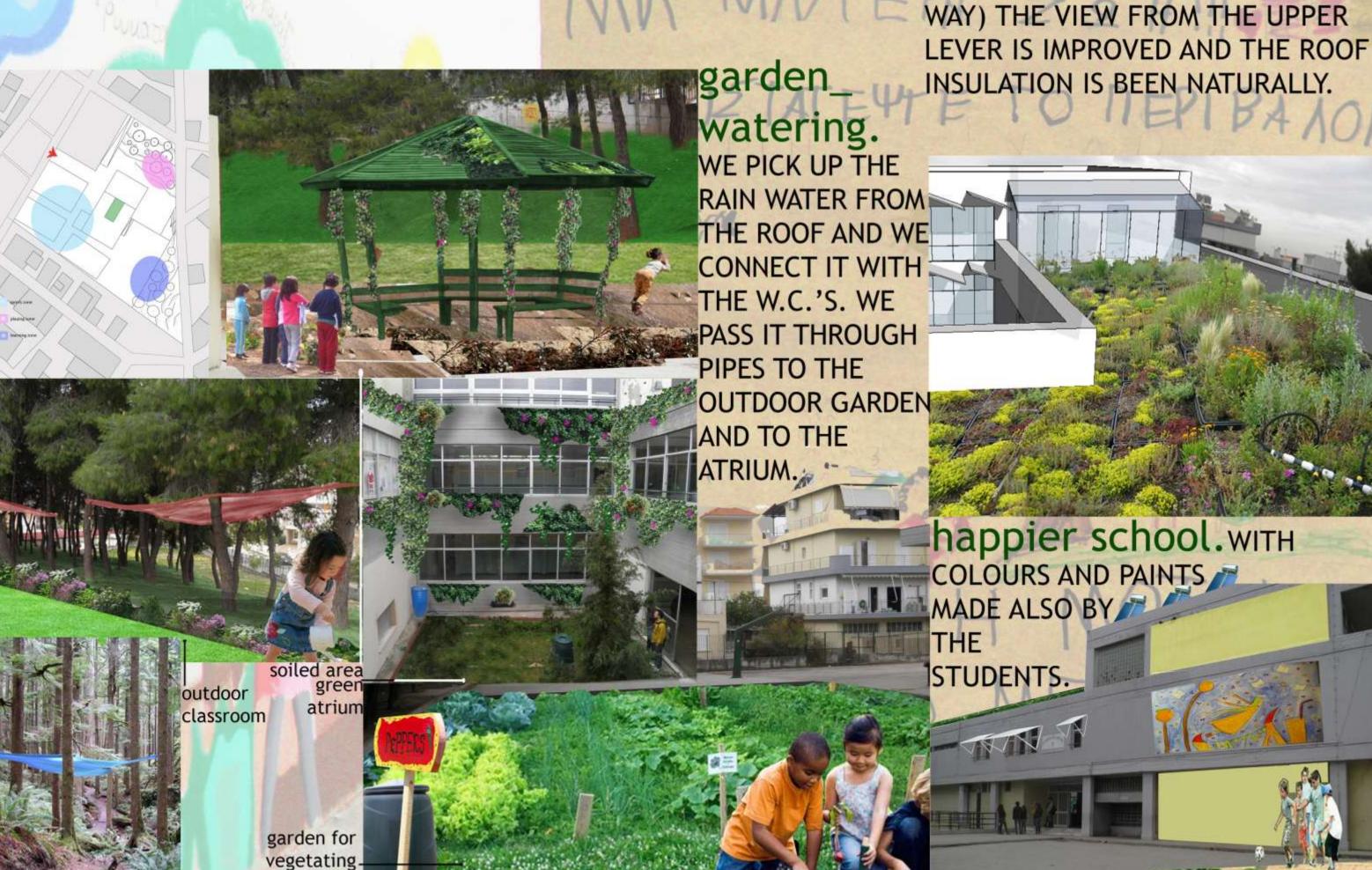
Shading. It's IMPORTANT DURING SUMMER AND SPECIALLY AT THE SOUT-EAST WINDOWS SO AS TO PREVENT OVERHEATING. WE CALCULATE THE DEGREES AND DIMENSIONS OF SHADERS IN ORDER NOT TO LOSE THE SUNLIGHT DURING WINTER





learning. CHILDREN CAN PLAY AND CREATE WITH MATERIALS AND IN MINI\_WORKSHOPS IN ORDER TO LEARN HOW ALL THESE TECHNIQUES WORK THROUGH THE BUILDING AND WHAT IS THEIR MAIN PURPOSE (F.E. THE CAN MAKE SMALL SUN COLLECTORS FROM ALUMINIUM AND SEE WHAT HAPPENS AFTER SOME HOUR).

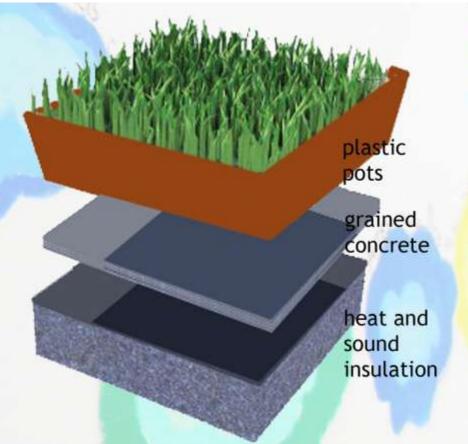
green external space. WE CONVERT MANY PARTS OF THE EXTERNAL SPACE OS THE SCHOOL INTO PLAYGROUND AND EDUCATIONAL SPACES WITH PLANTS AND NATURE SOIL GROUND.



green roof. AFTER PUTING

PLANTS ALSO AT THE TOP OF THE

BUILDING(WITH A VERY LOW COST



green roof
construction.we use
POTS TO PUT PLANTS IN
AND THE TOTAL COST OF
THE ROOF IS MINIMIZING
90%.

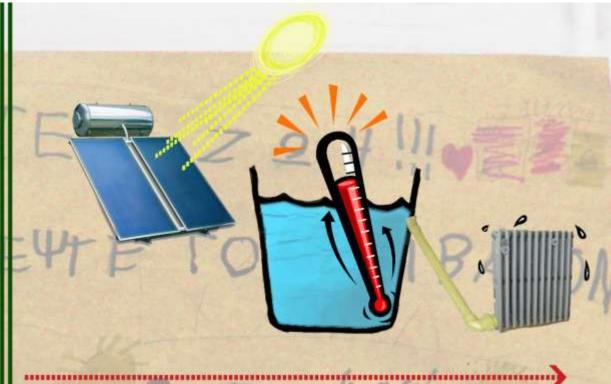


soil\_ground.

vegetables WE TAKE OUT THE
COCRETE GROUND,
AND WE REPLACE
recycled IT WITH SOIL.



WE USE HERAKLITHE
FOR HEAT AND SOUND
INSULATION. IT'S VERY
FRIENDLY FOR THE
ENVIRONMENT AND ALSO
IS CAN BE PUT IN COLOURS.

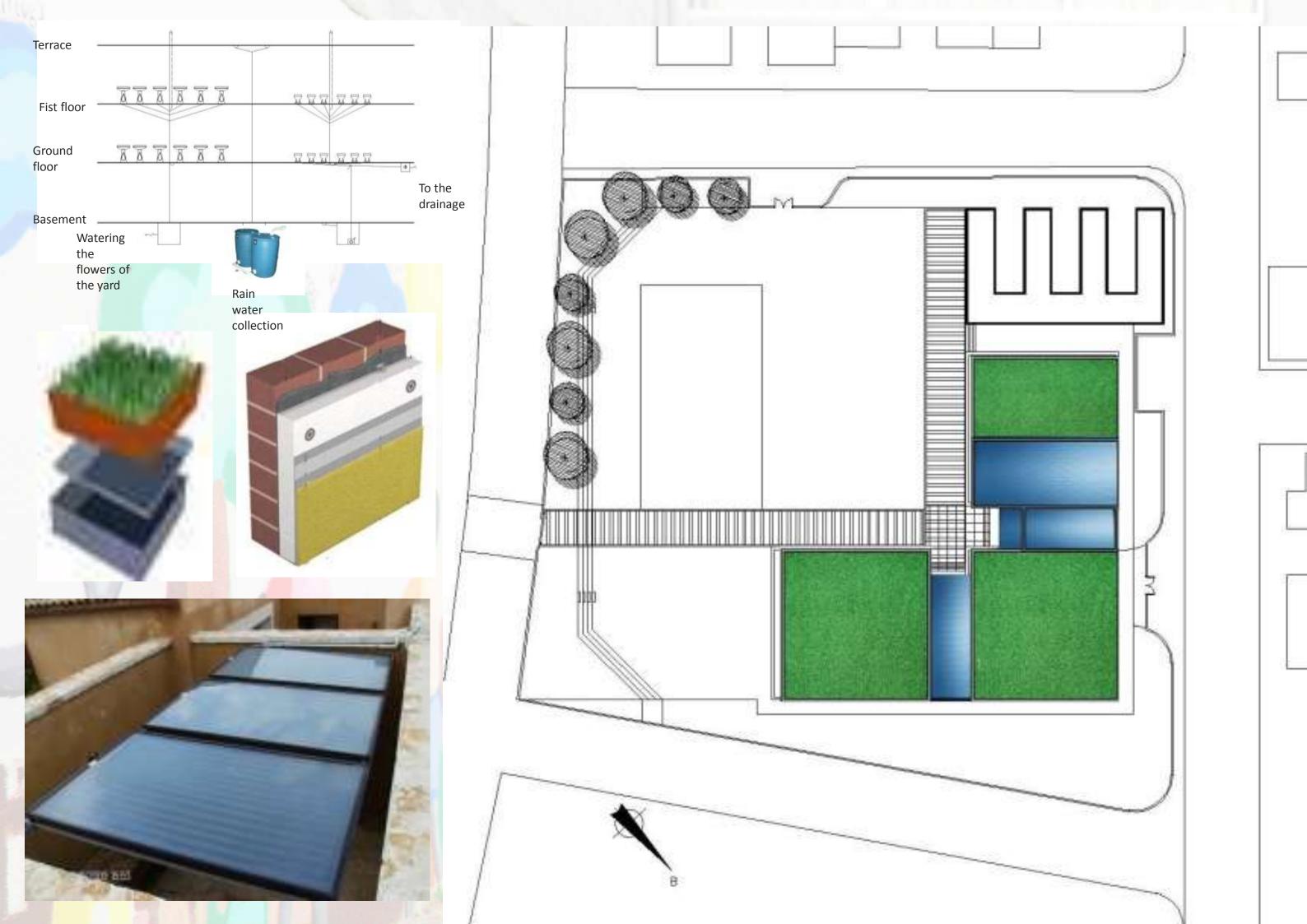


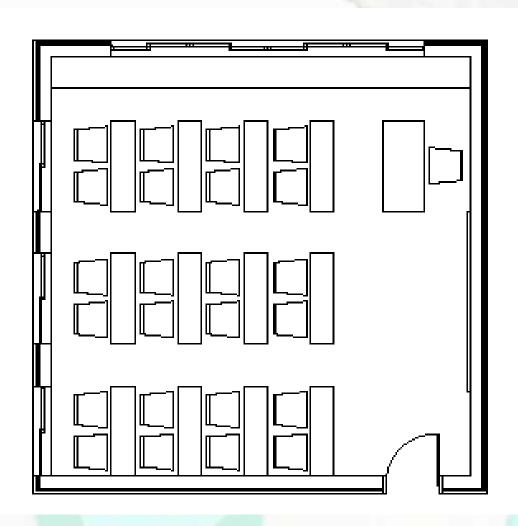
central heating system. THE SUN IS COLLECTING FROM THE ROOF TO HEAT THE WATER THAT RUNS AROUND THE INTERNAL PART OF BUILDING.



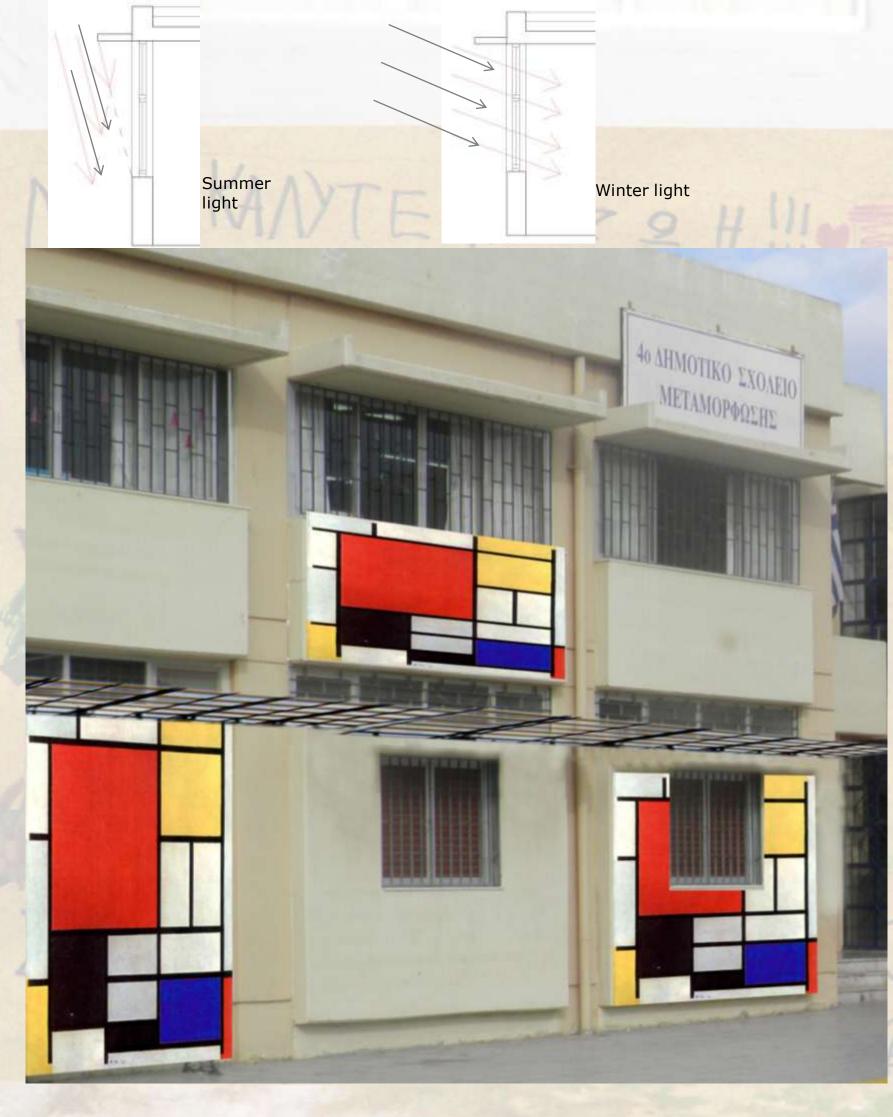
Shaders. BOAT\_FABRIC SHADERS,
ABLE TO BE PAINTED FROM THE
STUDENTS ARE USED TO PREVENT HARD
SUN GETTING INSIDE DURING SUMMER.



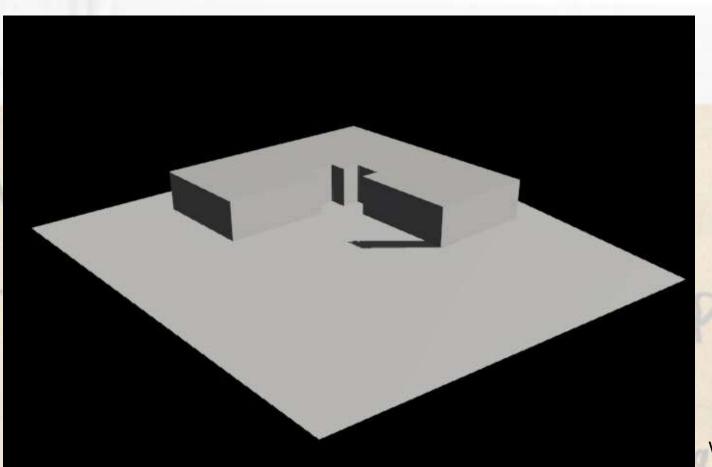






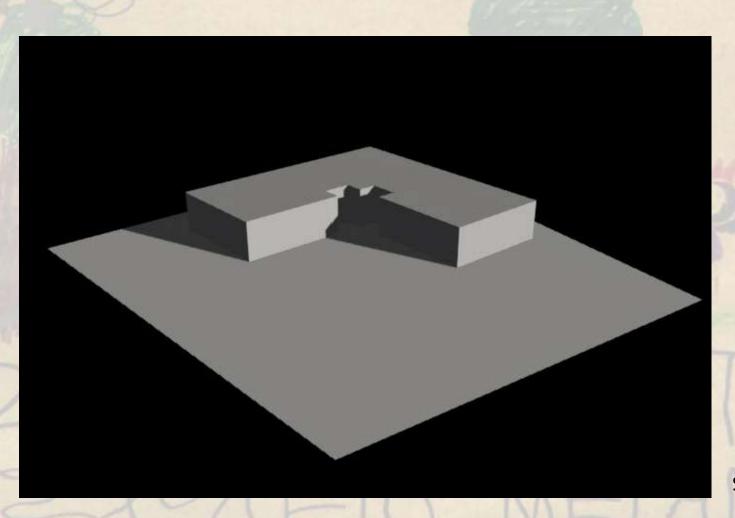






Winter light





Summer light

