

SUN ORIENTATION OVERVIEW

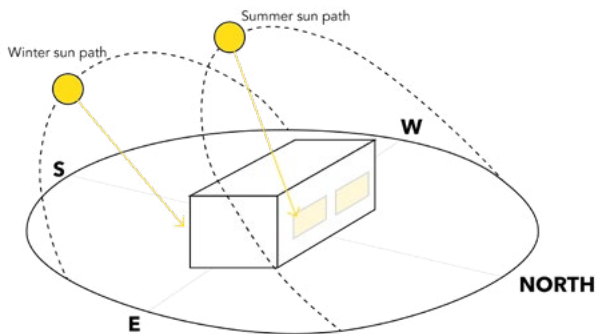
MAKE SURE YOUR TO CHECK YOUR HOME'S SOLAR ORIENTATION AND THEN PLAN STRATEGIES TO MAKE THE BEST USE OF THE PREVAILING CLIMATE AND ITS BENEFITS

1 Check your home's orientation

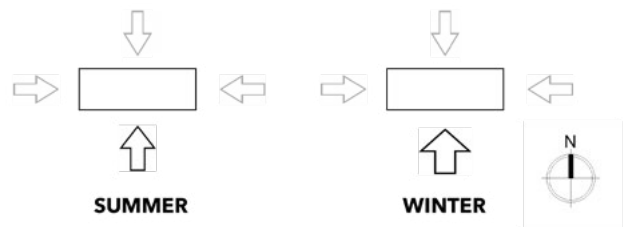


Check your home's orientation here

Before you start **any home improvement** activity, it is important to plan it according to your home orientation.



Solar radiation experienced during summers and winters is different along the four axes. In **winter**, the sun's path is at a **lower angle**, south to E-W. In **summer**, the sun path is at a **high angle sun**, north to E-W axis. **The East and West façades receive strong solar radiation at low angles throughout the year.**



The glazing treatment, window insulation, window shading, and ventilation strategies **depend on the orientation of your house**. Make sure to check your home's orientation and **then plan strategies** to make the best use of prevailing **climate** and its benefits.

*This checklist was created in collaboration with the Flourishing Communities Collaborative at Georgia Tech
For more information, please visit:*

fc2.design.gatech.edu