Every day, we live, work, play and learn in buildings, spending about 90% of our time in one. Our homes are especially important as this is where we usually spend the most time with our families. It is important for our homes to be made as green and healthy as possible through design and material selection.

As an enabler of sustainability in the built environment, the Singapore Green Building Council (SGBC) advocates for a greener and healthier built environment. Through its green building product certification programme and outreach initiatives, SGBC works with organisations to help shape the buildings we live in to be buildings we can live with.

BUILDING QUALITY HOMES

To maintain the quality of our buildings, the Construction Quality Assessment System (CONQUAS®) was launched in 1989 by the Building and Construction Authority (BCA) to objectively measure workmanship quality in new building projects. The Quality Mark QM for Good Workmanship Scheme was then launched in 2002 to help developers meet rising expectations of homeowners for better quality homes. Under this scheme, BCA assesses every unit of newly completed private residential projects.

Find out more:

Quality Housing Portal:
https://www.bca.gov.sg/Professionals/iQuasScoreChart/

BUILDING GREEN HOMES

The BCA Green Mark Scheme was launched in January 2005 as an initiative to promote sustainability in the built environment and close environmental awareness among developers, designers and builders when they project conceptualisation and design, as well as during construction.

The BCA Green Mark Scheme is complemented by the Singapore Green Building Product (SGBP) certification scheme, which evaluates and certifies the environmental performance of green building products. Homeowners can refer to this Directory to find information on certified materials for their own home improvement and renovation projects.

Find out more:

Green Mark Portal:
https://www.bca.gov.sg/green_mark/

Directory of Certified Products:
https://web.sgbc.online/public/product
Ensuring good air quality, both in the external environment (haze, etc.) and indoors, safeguards the health and wellbeing of your family.

Good lighting and the use of natural daylight whenever possible, can help to reduce utility bills, lower carbon emissions and bring about health benefits for your family.

By taking these 3 elements into consideration, your home can be made greener and healthier for your family while reducing your environmental and carbon footprint.

AIR QUALITY

Ensure outdoor air quality

Use green energy alternatives, such as installing solar panels, tapping on solar technology or switching to an electricity retailer that offers green electricity plans.

Eliminate hidden indoor toxins

Avoid using furnitures or household items that contain harmful volatile organic compounds (VOCs). Choose non-toxic, low-VOC paints, adhesives, furnishings and furniture for your home.

Reduce indoor pollutants

Be mindful of building materials or furniture that you bring into your home as these can be a source of harmful volatile organic compounds (VOCs).

LIGHTING

Minimise energy savings

Natural ventilation and ceiling fans are lower-energy alternatives to air-conditioning. If you need to use the air-conditioner, set the thermostat to 25°C.

Increase productivity

Work near windows with natural light where possible and seek out a view of nature.

Reduce incoming heat from sunlight

Minimise unwanted sunlight and heat with external or internal blinds and shades.

Improve building fabric and air tightness

Insulate walls, prevent air leakage and have good quality windows in air-conditioned areas to help reduce energy consumption.

THERMAL & ACOUSTIC COMFORT

Being mindful of thermal & acoustic comfort can cut utility bills while creating a more comfortable indoor environment for your family.

Improve outdoor air quality

Use green energy alternatives, such as installing solar panels, tapping on solar technology or switching to an electricity retailer that offers green electricity plans.

Eliminate hidden indoor toxins

Avoid using furnitures or household items that contain harmful volatile organic compounds (VOCs). Choose non-toxic, low-VOC paints, adhesives, furnishings and furniture for your home.

Reduce indoor pollutants

Be mindful of building materials or furniture that you bring into your home as these can be a source of harmful volatile organic compounds (VOCs).

Choose energy efficient light bulbs

Choose energy efficient light bulbs that use less energy and last longer. Light bulbs that use up to 90% less energy.

Increase energy savings

Natural ventilation and ceiling fans are lower-energy alternatives to air-conditioning. If you need to use the air-conditioner, set the thermostat to 25°C.

Improve building fabric and air tightness

Insulate walls, prevent air leakage and have good quality windows in air-conditioned areas to help reduce energy consumption.