Unit 103: Introduction to the built environment life cycle

# Worksheet 3: Sustainability (tutor)

1. Briefly explain the basic principles of sustainability.

To reduce the use of fossil fuels and the damage their extraction causes to the natural environment (e.g. impact on local ecosystem, impact on plants and animals within the effected ecosystems), along with the carbon and toxic waste produced from burning fossil fuels, renewable energy sources and better insulation are being used. These help to reduce the energy used and wasted.

1. What is the term given to the harvested water used for flushing toilets?
2. Blue water
3. Grey water
4. Black water
5. White water
6. List **three** forms of renewable energy sources.

Any three from the below:

Solar

Wind

Hydro

Air source

Ground source

1. What type of glass has a reflective coating that reflects heat back into a building?
2. K glass
3. Float glass
4. Tempered glass
5. Laminated glass