



CONSUMER STUDIES: SUMMARISED NOTES

GRADE 10 – TERM 4



Universal design

= any design (product / building / environment) that can be used by any individual (worldwide) regardless of his/her height, age, size or physical disabilities.

principles of universal design

**Reasonable
use**

**Flexibility in
use**

**Simple &
intuitive use**

**Tolerance of
mistakes**

**People of all
ages and
abilities can
make use of it.**

**Designs
should take
personal
abilities and
preferences
into account .**

**Designs
should be easy
to understand
(regardless of
the individual's
experience /
abilities).**

**Designs
should limit all
possible
hazards.**





Appropriate size and space

Designs should be of an appropriate size. Sufficient space for its handling and use – Regardless of the consumer's size, posture and mobility.



Little physical effort

Should be easy and efficient to use without much physical effort.



Observable information

Communicate the necessary information effectively to the consumer, regardless of his ability or the environment in which he is.



characteristics & benefits of universal designs

It should not be a burden / lead to tension.

SUPPORTIVE



ADAPTABLE

Can be changed according to certain needs. Like a chair that can be adjusted to various heights.



Should not be complex and should simplify life. Like electronic devices that save time and facilitate a process.

EFFECTIVE



SAFETY ORIENTED

Designed according to ergonomic principles and should protect all users from pain / injuries. Like handrails on stairs, as well as those in a shower or bath.



Obstacles have been removed - such as the use of ramps. Wide corridors and doorways to facilitate movement. Using colours / patterns / textures to prevent accidents.

ACCESSIBLE

