

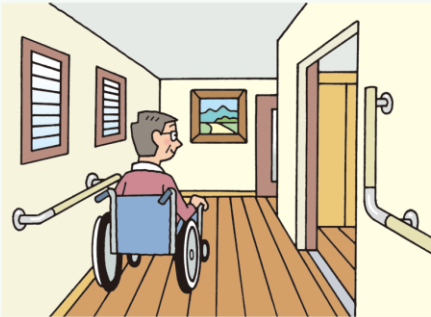
Lesson 2

For a More Diverse and Inclusive Society

Class _____ Number _____ Name: _____

• Reference ① (P.14)

① Universal Design of Buildings in Japan: Who Are the Assumed Residents?



There is an old saying: A man's home is his castle. The ideal condition would be that a person's home should be suitable from "cradle to grave." However, many people are forced to leave their homes as they lose their abilities, commonly due to the normal aging process.

Houses should be renovated according to aging, based on the idea of Universal Design or UD. It is a design that can be used by all people, to the greatest extent possible, without the need for adaptation or specialized design. According to

Japanese law, UD for adaptability includes at least (i) level floors without step differences, (ii) structural supports for the installation of handrails or grab bars, and (iii) adequate door openings and turning space to accommodate a wheelchair.

Admittedly, not all buildings can be designed and built to house anybody. Some types and levels of disabilities require more adaptation than is readily available. For most people, however, UD for adaptability is sufficient.

—by Satoshi Kose, a guest researcher at the Building Research Institute, Tsukuba, Japan, 2006.



from cradle to grave(ゆりかごから墓場まで) adaptation(適応) adaptability(適応性) installation(設置)
adequate(十分な・適切な) accommodate + 図(図を収容する) admittedly(確かに)

Reference ①について、空所に適するものを①～④のうちから1つ選びなさい。

According to the Reference ①, .

- ① there are many people who can live in a house from the birth to the death
- ② UD needs to be designed especially for aged or people with disabilities
- ③ a UD building must have a door that opens widely enough for a wheelchair
- ④ every building should be one where people with any disability can use