

Looking like a cactus from above with all the curves and its asymmetrical design, the new rising building in Arcadia, Phoenix, USA is completely distinguished from its neighboring ones-story ranch houses that feature brick or stucco. In the last few decades, cities around the world have seen a change in their landscapes with the adoption of novel designs in newly built houses.

1. New designs are used so there is a change in way how cities look.

'This housing design is witnessing an unprecedented change' says Professor Catherin Winslow from the Faculty of Architecture at the University of Stonemere, UK. 'There are transformation in its structure and materials due to demographic and environmental factors.'

The housing styles in several regions have changed dramatically due to climate change. In Phoenix, USA, the structure of a traditional ranch house has now become a thing of the past. Currently, people have adopted the open-concept in houses that provide more airflow to deal with the rise in temperature. People also use different materials to cope with climate change . They replace traditional roofs with reflective roofs to reduce the absorbed heat radiation. As far as internal structure is concerned, traditional stairs with carpets are now replaced with tile, stone or treated wood to avoid retaining heat. Outsides, instead of a large yard, shaded areas with tools such as awnings are more common.

1. The open-concept provide more fresh air in the houses.
2. Reflective roofs do not take in as much heat from the sunlight as traditional roofs.
3. Traditional stairs use tile, stone or treated wood.

In Tokyo, because there are more people moving to live in this city, there is a lack of housing infrastructure. In response, people have built more high-rise apartments. This housing design does not expand horizontally so it can provide living space for more people compared to the traditional Japanese houses in the same land footprint. That is not the only change. In Japan, the surge in the number of single professionals have provoked a new housing style, micro apartment. They do not need a large apartment with all amenities for a family but that cater for their basic needs such as sleeping, eating or showering with reasonable price. Micro apartment with its compact size and prioritization of functions is precisely the solution to this problem

1. The number of houses in Tokyo is not enough because there are more people.
2. In the same amount of land, high-rise apartments can give more space to live than traditional houses.
3. Single professionals need a lot of things to feel comfortable.
4. Micro apartment focus on what people can do with the tools inside.

Choose **TWO WORDS** from the passage for each answer.

### Phoenix, USA

Open-concept to cope with the increase in \_\_\_\_\_.

Reflective roofs are used to decrease the amount of \_\_\_\_\_.

Traditional stairs are not used any more to stop keeping \_\_\_\_\_.

### Tokyo

There are more \_\_\_\_\_ buildings.

More people can live in the same \_\_\_\_\_.

Micro apartments become popular because there are more \_\_\_\_\_.

Micro apartments emphasize on \_\_\_\_\_.