

**SESSION :2**

**CLASS :5**

**SUBJECT : SCIENCE**

**CHAPTER NUMBER:4**

**CHAPTER NAME :HOUSES ALL AROUND**

**SUBTOPIC : BUILDING MATERIALS AND BUDGET**

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**CHANGING YOUR TOMORROW**

# LEARNING OBJECTIVE

**To enable the learner:**

- **to identify the different types of building materials used in building different types of houses.**
- **to know the need of budget in building a house.**
- **to explain how building materials and budget affect in building up houses**

## **WARM UP**

- 1. Which roof is used by the people of hot regions for sleeping outdoors?**
- 2. In which area are the houses built on stilts?**
- 3. Houses in cold areas have \_\_\_\_\_ to keep the inside of the house warm.**
- 4. \_\_\_\_\_ walls keep the inside of the house cool.**

## BUILDING MATERIALS

- Different types of houses need different type of building materials.
- Bricks and stones keep a house cool in hot weather.
- House in hilly areas are built of bamboo and wood.
- In the places which have frequent earthquakes, houses are mostly built of wood because if they collapse, there will be less damage.



- **Kachcha houses (Huts) are made by using mud, bamboo, thatch and palm leaves.**
- **Concrete, glass, iron and bricks are needed to build pucca houses.**

**Concrete- it is building material which is made by mixing together cement, sand, small stones and water.**



# **BUDGET**

- **Budget or the money available is the third factor which determines the size and design of a house.**
- **Less money is needed to build a small hut.**
- **On the other hand, lakhs of rupees are needed to build a permanent house.**
- **In big cities where there is a shortage of space, people build high-rise buildings (apartments).**
- **Sometimes they form cooperative housing society to save on space and money.**



High-rise building



Cooperative housing society

# SUMMARY

- Bricks and stones keep a house cold in hot weather.
- Houses in hilly areas are made up of wood and bamboo.
- In earthquake prone areas, houses are built of wood to lessen the damage.
- Kachcha houses are made up of mud, bamboo, thatch and palm leaves whereas concrete, glass, iron and bricks are needed for pucca houses.
- Budget is the third factor which determines the building up a house.
- Due to shortage of space, people build high-rise buildings and cooperative housing societies in cities.



**QUIZ  
TIME**

NOTES

Date

Subject

1. \_\_\_\_\_ and \_\_\_\_\_ keep a house cool in hot weather.

**Ans- Bricks, stones**

**2. In ( hilly / plain) areas, house are built of bamboo and wood.**

**Ans- hilly**

### 3. Cooperative housing societies help to save \_\_\_\_\_

**Ans- Space and money**

**4. Write three materials used for building a house.**

**Ans- Bricks, stones, glass , iron, mud and bamboo**

# LEARNING OUTCOME

**The learner will be able:**

- **to identify the different types of building materials used in building different types of houses.**
- **to know the need of budget in building a house.**
- **to explain how building materials and budget affect in building up houses**

# **HOMework**

**Do the oral Q & A in your notebook.**

**THANKING YOU**  
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