

SCIENCE ACTIVITY

P.7

Health concerns

These are things that affect the health of people in an area.

Examples of population and health concerns

1. Poor sanitation.
3. Poor water supply.
2. Anti-social behaviour
4. Inadequate food.

Poor sanitation

This is the condition when the environment is generally dirty/ improper disposal of waste.

Indicators of poor sanitation

1. Poor disposal of rubbish.
2. Poor disposal of human waste.
3. Bushes around homes.
4. Sharing houses with animals.
5. Poor ventilation.

Dangers of poor sanitation

1. Bad smell.
2. Easy spread of diarrhoeal diseases.
3. Multiplication of vectors.
4. Poor health of people.
5. Contamination of water sources.

Diseases associated with poor sanitation

1. Cholera
3. Typhoid
5. Polio
2. Dysentery
4. Bilharziasis

Solutions for poor sanitation

1. Constructing latrines for proper disposal of human wastes.
2. Digging rubbish pits for proper disposal of rubbish.
3. Clearing bushes around homes.
4. Draining stagnant water.
5. Building well ventilated houses.
6. Avoid sharing houses with animals.

Elements of a good home

1. A clean latrine/toilet
2. A kitchen
3. A plate stand/rack
4. A rubbish pit
5. A bathroom
6. Waste bins

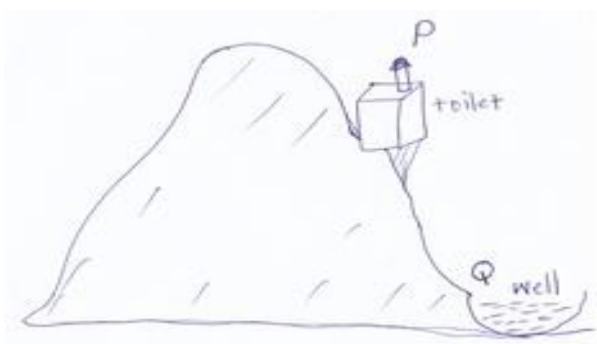
Activity

1. Draw a well ventilated house, name its parts and use arrows to indicate proper air circulation.
2. Use the diagram below to answer the following questions



- a. Name the item above
- b. State the importance of the item above in a community

3. Study the illustration below carefully

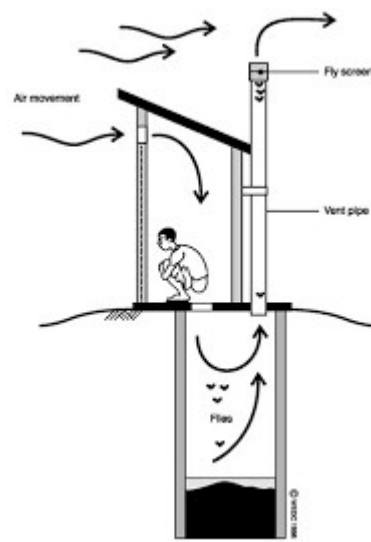
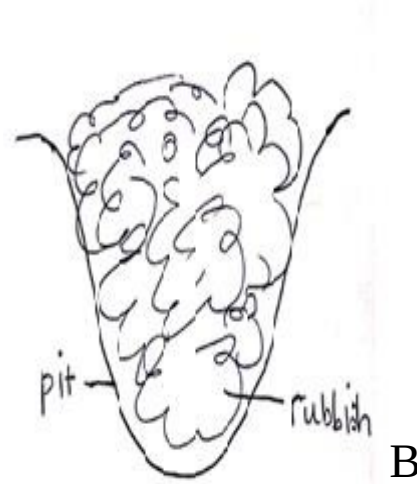


- a. Why is such an arrangement of the well and toilet dangerous to our health
- b. In the space below, draw a diagram showing the correct arrangement on the same land scape.

4. When I went to Kakamega's home, houseflies welcomed me. I also saw left over food, used banana leaves, polythene sheets and on top of that, bad smell was all over the place. Further more, the pit latrine was only five metres away from the kitchen. Behind the main house, tall grass was almost on the exit door.

- a. Which health concern is at Kakamega's home?
- b. Name any three diseases that are most likely to break out in Kakamega's home.
- c. Which distance would you recommend between a latrine and a kitchen.
- d. State any one danger of tall grass behind the residential house.
- e. Point out any two pieces of advice you can give to this home to control the health concern cited in (a) above.

5. Use the diagrams below to answer the following questions.



a. Name the elements of a clean home shown above

- A
- B
- C

b. State the functional similarity among the items A and B and C

c. How is the function of item B different from that of item C?