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**CBSE Class 4 EVS**  
**NCERT Solutions**  
**Chapter 18**  
**Too Much Water, Too Little Water**

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**Discuss (Page 147)**

**Q.1. How can dirty water harm our body?**

**Ans.** Dirty water can cause many diseases.

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**Q.2. Have you ever got dirty water in your area? What was the reason for this?**

**Ans.** Yes. It was due to leakage in the pipe.

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**Q.3. Has anyone you know fallen sick because of dirty water? Talk about this.**

**Ans.** Yes. My friend got dysentery.

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**Q.4. When the guest came to Suguna's house, they offered him a cold drink, because they thought he should not drink the water. What do you think suguna's family must be doing for their drinking water?**

**Ans.** They must make the water fit for drinking. They can add alum and chlorine tablet for this purpose.

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**Q.5. The guest said he did not take cold drinks. Why do you think he said this?**

**Ans.** Cold drinks are aerated and can cause trouble to our body mainly in digestive system.

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**Read and Write (Page 148)**

**Q.1. Have you ever had a shortage of water in your house? When?**

**Ans.** Yes, during last summer.

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**Q.2. What did you have to do then?**

**Ans.** We had to collect water from the water tankers.

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**Page 149**

**Q.1. Have you ever played in water? Where? When?**

**Ans.** Yes. In the village last month.

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**Q.2. Are there times when you are not allowed to play in water? What are the reasons for this?**

**Ans.** (1) There is shortage of water.

(2) The water is deep.

(3) The water is dirty.

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**Q.3. If you go to a Water Park, find out from where the water comes to the park.**

**Ans.** It comes from the pipeline.

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**Write in your notebook (Page 150)**

**Q.1. Why was Raziya worried when she read the news in the paper?**

**Ans.** She read that gutter water had mixed in the water pipe. This makes the water dirty.

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**Q.2. Raziya asked that all the water that was filled in the day before should be thrown. Could this water have been used for something else? What kind of things?**

**Ans.** This water could be used for washing, watering plants in the garden, etc.

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**Q.3. In what way did she plan to make the water clean?**

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**Ans.** By boiling.

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**Q.4. Do you know of any ways to make water clean? Describe them.**

**Ans.** By adding alum, filtering, chlorine tablet, etc.

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**Q.5. Suppose Raziya had not read the newspaper, and everyone had drunk the water without boiling it, what could have happened.**

**Ans.** They would fall sick.

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### **Discuss (Page 150)**

**Q.1. Where Deepak lives, everyone has to stand in a line to fill water from the common tap. In Raziya's house, water comes all day in the tap. Why is this?**

**Ans.** Raziya's locality has got the facility of house connection.

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**Q.2. Raziya read news about the water in the newspaper. Have you read any news about water in the newspapers? What kind of news?**

**Ans.** Yes. Once I read that water in Bengal contains arsenic.

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### **Water Survey in School (Page 151)**

**Q.1. Look and Note:**

**Put a (Tick) in right box.**

**(i) Where does the water in your school come from?**

**Ans.** Tap(tick) Tank(tick) Hand pump(tick)

**(ii) In your school, from where do you take water to drink?**

**Ans.** Tap(tick) Tank ( ) Hand pump( )

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**Q.2. If there is no tap, matka or hand pump, then how do you get drinking water?**

**Ans.** From the water board's supply tankers.

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**Q.3. Is there water in all the taps/hand pumps?**

**Ans.** No.

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**Q.4. Is there any tap which is leaking or dripping?**

**Ans.** No.

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**Q.5. Are all the matkas filled with water, and are they covered?**

**Ans.** No. But the matkas are covered.

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**Q.6. Are the matkas and other water containers get cleaned regularly?**

**Ans.** Yes.

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**Q.7. How is water made safe for drinking?**

**Ans.** First alum is added and then chlorine tablet is dropped.

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**Q.8. Is there a long handled ladle to take water from the matka or container? How many ladles are there?**

**Ans.** Yes. One ladle for each matka.

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**Q.9. Is the place around the drinking water taps or container and matkas clean regularly?**

**Ans.** Yes.

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**Think and Discuss (Page 153)**

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**Q.1. Why do the drinking water places get dirty?**

**Ans.** Due to various human activities like by washing, etc.

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**Q.2. What can we do to keep these places clean?**

**Ans.** Do not wash near the place, etc.

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**Find out and write in your notebook (Page 153)**

**Q.1. How often (once a day, once in two days, etc.) are the containers, matkas and ladles cleaned? Who cleans them?**

**Ans.** Once in two days. Peon cleans it.

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**Q.2. How many children are there in your school? How many drinking water taps, matkas or hand pumps are there?**

**Ans.** There are about two hundred children. There are five drinking water taps.

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**Q.3. Who cleans the places near the water?**

**Ans.** Peon.

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**Q.4. Where does the water that is spilt go?**

**Ans.** To the school garden through drain pipes.

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**Group 2 (Page 153)**

**Q.1. What are the toilet arrangements in your school?**

**Ans.** Built toilet (Tick) Open area ( )

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**Q.2. How many toilets are there?**

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**Ans. 6**

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**Page 154**

**Q.1. Put (Tick) in the box and write wherever it is required .....**

i. Are there separate toilet for girls and boys? **(Tick)Yes ( ) No**

ii. Is there water in the toilets? **(Tick)Yes ( ) No**

iii. From where does the water come?

From tap **(Tick)Yes ( ) No**

From filled containers **( )Yes ( Tick) No**

Has to be brought **( )Yes ( Tick) No**

iv. Is there water for washing hands near the toilet? **(Tick)Yes ( ) No**

v. Do you wash your hands after using the toilet? **(Tick)Yes ( ) No**

vi. Is there any tap that is leaking or dripping **( )Yes ( Tick) No**

vii. Are the toilet places kept clean? **(Tick)Yes ( ) No**

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**Find out and Write (Page 155)**

**Q.1. How many boys and girls are there in your school?**

**Ans.** Boys (100) Girls (90)

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**Q.2. How many toilets are there for girls, and how many for boys?**

**Ans.** Boys (4) Girls (4)

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**Q.3. If there are not taps, who brings the water for the toilet? From where does the water have to be brought?**

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**Ans.** The student himself / herself brings water from the hand pump.

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**Q.4. Who keeps the place clean?**

**Ans.** Peon.

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**Talk about (Page 155)**

**Q.1. What can be done to keep the toilets clean?**

**Ans.** Regular washing.

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**Q.2. What can each of us do for this?**

**Ans.** Maintain cleanliness.

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**Q.3. Have you seen a toilet at a bus stand or railway station? How are they different from the toilet at home?**

**Ans.** Toilet at bus stand are dirty.