

beans in each kind, at the same time, and see in which one they grow best. (7) See what the effect would be if no water were given to some of them. (8) Find out what trees and vegetables grow best near your home. (9) What do the farmers prefer to grow? (10) Go to a hot-house to find out what kind of soil is used there, and what is done to keep it fertile. (11) Visit a gardener or a farmer to find out how he cultivates the soil. (12) How many articles can you name, as crockery, for example, that are made of soil or clay? (13) Write a short story about the soil.

## II. HILLS

REVIEW QUESTIONS. — (1) Is there much land that is really level? (2) What do you understand by rolling land? (3) Were the hills that you know always there? (4) Have you seen water carrying away soil? If so, tell about it. (5) Explain how hills have been made.

(6) What is the base of a hill? (7) The summit? (8) Tell what you learn from Figure 10. (9) From Figure 11. (10) Make a drawing somewhat like Figure 11. (11) On what part of a hill is it coolest? (12) How could you prove this? (13) Why does it often snow on hills while it rains on lower land near by?

(14) What is a swamp? (15) Why should not houses be built on swampy ground? (16) Why are hills liable to be dry? (17) Why is the lowland in cities usually so dry? (18) Why have castles often been built on hills? (19) Why did the earlier settlers place their churches on hills? (20) What other reasons can people have for wishing to look far out over the country?

### SUGGESTIONS FOR STUDY AT HOME AND OUT OF DOORS. —

(1) Find some ground about your home that seems nearly level. Is it really level? (2) Where is the longest slope in your neighborhood? The steepest one? (3) Observe the water carrying off soil after a rain. Where does the soil go? (4) Write a story about it. (5) Search for a washout after a heavy rain. (6) Where is your highest hill? (7) In what season of the year is it especially pleasant to live on a hill? Why?

(8) Can you find any houses built on low, wet soil? (9) Are their cellars ever very damp? (10) Ask some doctor why one should not live in such places. (11) Find some pictures of castles, showing their location. (12) Is your schoolhouse upon a hill? (13) Name