

is the rain? (14) What becomes of water as it boils? (15) What is water vapor? (16) What is evaporation?

(17) What happens to vapor when cooled? (18) Tell some ways in which you may see condensed vapor. (19) In what ways may the vapor in the air be condensed? (20) Why can you "see your breath" on cold mornings? (21) How are clouds formed? (22) How cold must it be to form snow? (23) How is dew caused? Frost? (24) Of what importance are the dust particles in the air? (25) Tell how you would keep a weather record.

SUGGESTIONS. — (1) Why are stoves made so as to let in air for the fire? (2) What becomes of the air after it enters? (3) How does air reach the wick of a lamp? (4) Try a common drinking glass, instead of a bottle, to show that air takes up space. (5) Heat some muddy water and watch its movement. (6) Why does smoke go up and not down, the chimney? (7) Show how a hot stove causes a movement, or circulation, of the air in a room. (8) Find out how your schoolhouse is ventilated. (9) How many examples can you give of evaporation of water? (10) Cool a piece of glass or iron and notice the vapor condense upon it, when the air is "muggy" or when steam is passing into the air. (11) Why do clouds frequently surround mountain tops? (12) See how early in the evening the dew begins to collect upon the ground. (13) What causes fogs to disappear? (14) Which winds usually bring rain to you? (15) How far have they probably carried the vapor? How long would it take them to do this, if they travelled at the rate of eight miles per hour? (16) Write a story, giving the history of a raindrop.

IX. NATURAL PRODUCTS OF THE LAND AND WATER

REVIEW QUESTIONS. — (1) What do you understand by *natural products*? (2) Name some of them. (3) What are the natural products of your neighborhood? (4) For what are these natural products useful? (5) What becomes of the surplus, when there is more than is wanted at home? (6) Tell something about a farming country and its products. (7) About a fruit-growing district. (8) What do you know about lumbering? (9) About mining. (10) Are there any fisheries in your neighborhood? (11) Name some trades