

Teacher's Manual • Unit 2

- may actually cause a lower pitch: in (a), longer; in (c), looser; and in (d), looser.
8. (a)—Even if two people sang a musical tone on the same pitch and at the same volume, there would still probably be some difference in quality.
 9. (c)—When we breathe without producing sound with our vocal cords, they are separated to allow the air to pass through the larynx freely.
 10. (b)—In fact, when the ears “go shut,” the Eustachian tubes are temporarily not open.
 11. (b)—The retina contains nerve-cell endings that are sensitive to light. The cochlea contains nerve-cell endings that are sensitive to sound.
 12. (a)—Of course, you should be careful in removing a foreign object. But you should not avoid removing it or having someone else do so.

Suggested Equipment for Unit Two

Starred items are desirable if available.

Page 64

various devices for producing sound

a bell

a tuning fork (available from Rod and Staff Publishers, Inc.)

a whistle

a bottle (to blow across the mouth)

a pitch pipe (available from Rod and Staff Publishers, Inc.)

Page 65

a large rubber band

three nails

a board

Page 66

a set of dominoes

Page 68

a vacuum pump*

a vacuum plate*

a bell jar*

an electric bell*

a power source for the bell*

Page 69

a hammer

a piece of iron

Page 71

a tuning fork