

2. Show what you know about *weeds* in *ten* minutes.
 3. Show what you know about *injurious* insects in *ten* minutes.
 4. Show what you know about the origin of the soil in your locality, and why it varies.
 5. What trees do you know? Discuss their principal uses.
 6. Discuss your favorite nature-study subject not referred to in any preceding question.
 7. What do you know about any two of the following: Black-knot, Smut, Potato-rot, Cabbage club-root, Wheat or Oat rust, Apple-fungi, Toadstools, Mushrooms, Blights.
 8. What do you know about the formation of frost pictures on the window? about fog? about wind?
 9. Discuss either the tobacco, alcohol or medicine habit.
 10. Discuss the value of singing, or of physical training.
 11. Discuss the value of good manners and good morals.
- [Technical Course Subjects which can be substituted for any questions from 2 to 7 above.]
- a. Tell what you know of the nature of the gas that causes explosions in coal mines.
 - b. Of the gas that fills a mine after explosion.
 - c. Name a number of machines that a workman can use to raise objects heavier than he could lift without them.
 - d. Describe one of these as completely as you can in ten minutes.