

INDUSTRIAL TECHNOLOGY

Grades 7-10 (Ages 12-16)

1. Theory of technology: The technological process
2. Drawing: Technical drawing
3. Drawing: Computer-aided design
4. Materials: In general
5. Materials: Wood
6. Materials: Metals
7. Materials: Plastics
8. Materials: Stone
9. Materials: Tools
10. Personal computers: Hardware
11. Personal computers: The operating system
12. IT: Word processors
13. IT: Spreadsheets
14. IT: Presentations
15. IT: Web pages and the Internet
16. Electricity: Energy
17. Electricity: The basics
18. Electricity: Electric circuits
19. Electricity: Electric motors
20. Machines: Simple machines
21. Machines: Transmission and transformation of motion
22. Machines: Heat engines
23. Theory of technology: Industrial technology
24. Communication: Long distance systems
25. Materials: Structures
26. Housing: Practicalities
27. Housing: Domestic utilities
28. Electricity: Analog electronics
29. Electricity: Digital electronics
30. Machines: Neumatics and Hydrolics
31. Machines: Control systems
32. Machines: Robotics