



Great Science Adventures

The World of Tools and Technology Table of Contents

Introduction	i
How to Use This Program	iii
1. What is work?	10
2. What is friction?	12
3. What are the types of friction?	16
4. What is a tool?	20
5. What is an inclined plane?	22
6. How do we use inclined planes?	24
7. What is a wedge?	26
8. How do we use wedges?	28
9. What is a screw?	30
10. How do we use screws?	32
11. What is a lever?	34
12. What is a class one lever?	36
13. What is a class two lever?	40
14. What is a class three lever?	42
15. What is a wheel and axle?	46
16. How do we use the wheel and axle?	50
17. What is a fixed pulley?	52
18. What is a moveable pulley?	56
19. What is a compound pulley?	58
20. What are the six simple tools?	62
21. What are gears?	64
22. What are cams and cranks?	66
23. What is a spring?	68
24. How are tools powered?	70
Additional Tools in Time Entries	73
Assessment	74
<i>Lots of Science Library Books</i>	77
Graphics Pages	139