



SCIENTIST

Activity Badge Scoreboard

2003 Webelos Book pages 402 - 428

DO ALL FOUR OF THESE:										
1—Read Bernoulli’s Principle, show how it works.										
2—Read Pascal’s Law; tell about some inventions using it										
3—Read Newton’s First Law of Motion. Show 3 ways inertia works.										
4—While a Webelos, earn the Academic belt loop for Science.										
And, do <u>SIX</u> of the following	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
5—Show effects of atmospheric pressure										
6—Show effects of air pressure										
7—Show effects of water pressure [may be combined with atmosphere or air, above]										
8—Build & launch a model rocket [age 10+]										
9—Explain what causes fog; show how it works										
10—Explain how crystals are formed; make some.										
11—Explain how you use your center of gravity to keep your balance. Show 3 different balancing tricks.										
12—Show in 3 different ways how your eyes work together, and show what is meant by an optical illusion.										
12—While a Webelos, earn the belt loop for weather.										
13—While a Webelos, earn the belt loop for Astronomy.										
Completed all requirements:										
Badge awarded at Pack Meeting [show date]										