



ENGINEER

Activity Badge Scoreboard

2003 Webelos book pp 212—226

Do BOTH of these:									
1—Talk to an engineer, surveyor, or architect in your area about the different occupations in engineering. Create a list that tells what they do									
2— Draw a floor plan of your house. Include doors, windows, and stairways.									
And do FOUR of these:									
3— Visit a construction job. Look at a set of plans used to build the facility or product. Tell your Webelos den leader about these. (Get permission before you visit.)									
4— Visit a civil engineer or surveyor to learn how to measure the length of a property line. Explain how property lines are determined									
5— Tell about how electricity is generated and then gets to your home.									
6— Construct a simple working electrical circuit using a flashlight battery, a switch, and a light.									
7— Make drawings of three kinds of bridges and explain their differences. Construct a model bridge of your choice.									
8— Make a simple crane using a block and tackle and explain how the block and tackle is used in everyday life									
9— Build a catapult and show how it works.									
10— While you are a Webelos Scout, earn the Cub Scout Academics belt loop for Mathematics .									
Completed all requirements									
badge awarded at Pack Meeting [enter date]									