



**CUBS INTEREST BADGE:**  
**ENGINEER**



Do any FIVE of the following:

	Date Completed
1. List ten different things that engineers do.	
2. Visit a construction job (eg. a building or a bridge). Look at the plans and explain in details what you found out about the job (eg. house being built). Get permission before you visit.	
3. Measure the size of the block of land on which your house is built and draw a sketch plan of your block to scale, showing the location of all buildings.	
4. Draw sketches of three different types of bridges and explain the sketches.	
5. Build and demonstrate how a block and tackle works.	
6. Draw floor plan of your house including doors, windows, and stairs.	
7. Make a drawing of how electricity gets to your house.	
8. Make a model of a famous dam or reservoir and find out as much as you can about it.	

Parent/Guardian Signature: \_\_\_\_\_

Akela/Cub Leader: \_\_\_\_\_