

Cub Engineer Badge

Badge requirements



Do any FIVE of the following:

1. List at least THREE different engineering professions and FIVE types of projects that each works on.
2. Visit a construction project, accompanied by an adult, and observe the required safety procedures (e.g. a building, road or a bridge). Look at the plans and explain in detail what you found out about the job (e.g. 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, bridge or tall building and find out as much as you can about it.

https://scoutwiki.scouts.org.za/index.php?title=Cub_Interest_Badges