



Engineer

Webelos Adventure Workbook



No one may add or subtract from the official requirements found in the *Cub Scout Webelos Handbook*. Requirements were revised in December 2016. This workbook was updated in October, 2018..

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Please submit errors, omissions, comments or suggestions about this **checklist** to: Workbooks@USScouts.Org
Comments or suggestions for changes to the **requirements** should be sent to: Advancement.Team@Scouting.Org

Cub Scout's Name: _____ Pack No. : _____

Source for requirements: Cub Scout Webelos Handbook (#34754 - SKU 646430)

This adventure is an elective adventure which can be used to earn the Webelos and Arrow of Light Badges.

Complete Requirements 1 and 2. Requirements 3 and 4 are optional.

1. Pick one type of engineer. _____

With the help of the Internet, your local library, or an engineer, discover three things that describe what that engineer does. (To use the Internet, be sure that you have a current Cyber Chip or that you have permission from your Webelos den leader, parent, or guardian.)

1.	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
2.	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>

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3.

Share your findings with your Webelos den.

2. Learn to follow engineering design principles by doing the following:

- a. Examine a set of blueprints or specifications.
- Using these as a model, prepare your own set of blueprints or specifications to design a project.
- b. Using the blueprints or specifications from your own design, complete your project. Your project may be something useful or something fun.
- c. Share your project with with others at a den or pack meeting.

3. Explore other fields of engineering and how they have helped form our past, present, and future.

What field of engineering? _____

What field of engineering? _____

What field of engineering? _____

- 4. Pick and do two projects using the engineering skills you have learned.
- Project 1: _____
- Project 2: _____
- Share your projects with your den and also exhibit them at a pack meeting.

When working on Cub Scout Advancements and awards, Cub Scouts, their parents, and Scouters should be aware of some vital information in the current edition of the *Guide to Advancement* (BSA publication 33088). Important excerpts from that publication can be downloaded from <http://usscouts.org/advance/docs/GTA-Excerpts-Cub.pdf>.
You can download a complete copy of the *Guide to Advancement* from <http://www.scouting.org/filestore/pdf/33088.pdf>.