<http://www.USScouts.Org> • <http://www.MeritBadge.Org>

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.** |  |
|  |  |
|  |  |
|  |  |
| **2.** |  |
|  |  |
|  |  |
|  |  |

|  |  |
| --- | --- |
| **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**](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**](http://www.scouting.org/filestore/pdf/33088.pdf)**.**