

## **Adventures in Science**

## 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 <u>checklist</u> to: <u>Workbooks@USScouts.Org</u> Comments or suggestions for changes to the <u>requirements</u> should be sent to: <u>Advancement.Team@Scouting.Org</u>

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.

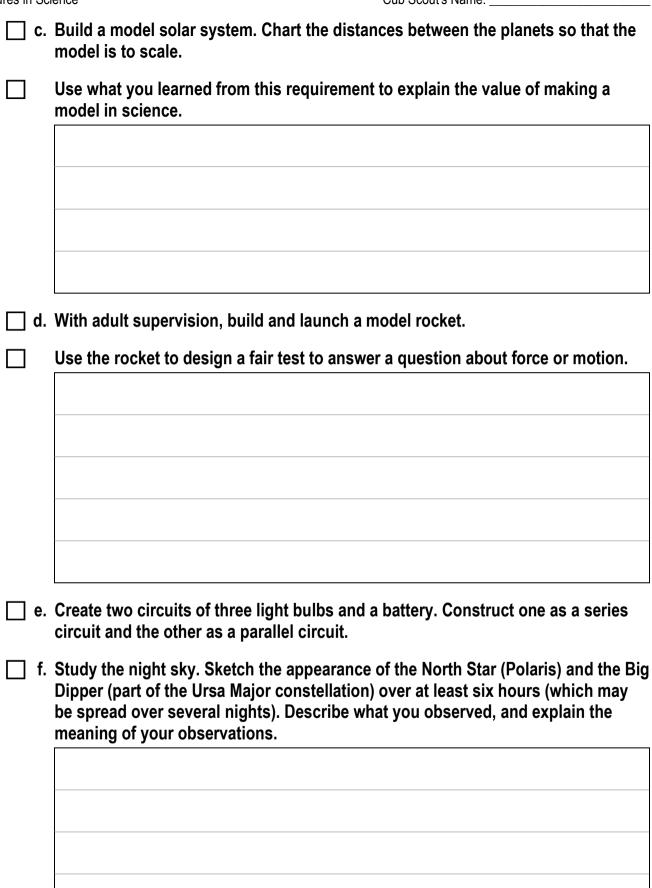
Complete the following requirements.

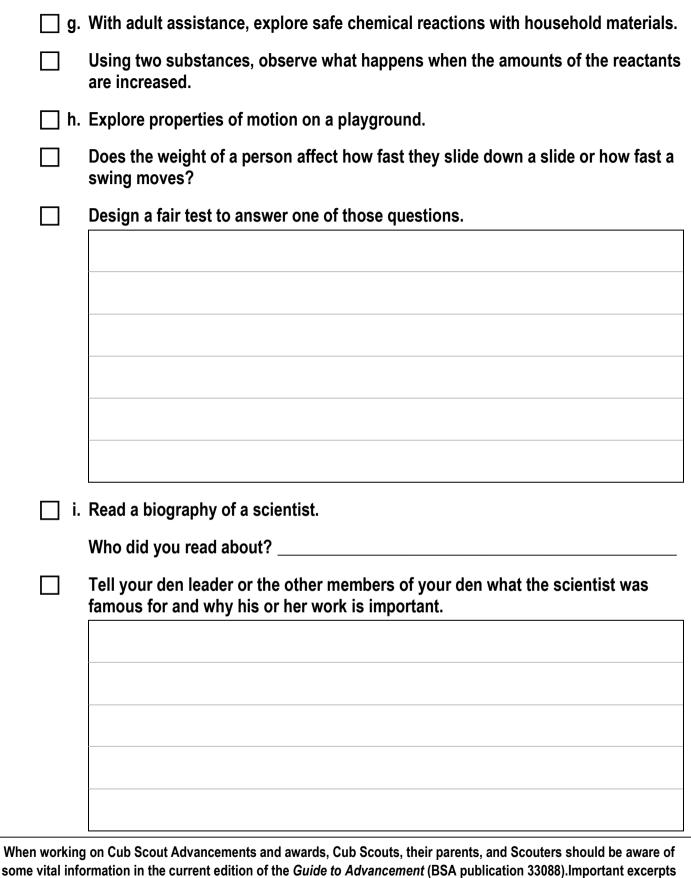
1. An experiment is a "fair test" to compare possible explanations. Draw a picture of a fair test that shows what you need to do to test a fertilizer's effects on plant growth.

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| ires in | Science  | Cub Scout's Name:  |
|---------|--|--|
|         |  | ollege, a laboratory, an observatory, a zoo, an aquarium, or other<br>scientists.  |
| Wh      | ere did you visit?                                 | ?  |
| Pre     | pare three quest                                   | ions ahead of time, and talk to a scientist about his or her work.   |
| 1.      |  |  |
| 2.      |  |  |
| 3.      |  |  |
| Cor     | mplete any four c                                  | of the following:  |
|         | a. Carry out the                                   | experiment you designed for requirement 1.   |
|         |  |  |
|         |  |  |
|         |  |  |
|         |  |  |
|         |  |  |
|         |  |  |
|         |  | eted 3a, carry out the experiment again, but change the  |
| _       | •  |  |
|         | Report what y                                      | you learned about how changing the variable affected plant growth.   |
|         |  |  |
|         |  |  |
|         |  |  |
|         |  |  |
|         |  |  |
|         |  |  |
|         | Visi<br>faci<br>Wh<br>Pre<br>1.<br>2.<br>3.<br>Cor | facility that employs Where did you visit? Prepare three questi 1. 2. 3. Complete any four o a. Carry out the a. Carry out the b If you completed on the second |





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