



# Tech Talk



## Cub Scout Nova Award Workbook

This workbook can help you but you still need to read the Cub Scout Nova Awards Guidebook.

This Workbook can help you organize your thoughts as you prepare to meet with your counselor.

You still must satisfy your counselor that you can demonstrate each skill and have learned the information.

You should use the work space provided for each requirement to keep track of which requirements have been completed, and to make notes for discussing the item with your counselor, not for providing full and complete answers.

If a requirement says that you must take an action using words such as "discuss", "show", "tell", "explain", "demonstrate", "identify", etc, that is what you must do.

**Counselors may not require the use of this or any similar workbooks.**

No one may add or subtract from the official requirements found in the Cub Scout Nova Awards Guidebook (Pub. 34032 – SKU 614935).

The requirements were revised in 2017 • This workbook was updated in August 2017.

Scout's Name: \_\_\_\_\_ Unit: \_\_\_\_\_

Counselor's Name: \_\_\_\_\_ Counselor's Phone No.: \_\_\_\_\_



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

Please submit errors, omissions, comments or suggestions about this **workbook** to: [Workbooks@USScouts.Org](mailto:Workbooks@USScouts.Org)

Send comments or suggestions for changes to the **requirements** for the **Nova Award** to: [Program.Content@Scouting.Org](mailto:Program.Content@Scouting.Org)

**This module is designed to help you explore how technology affects your life each day**

1. Choose A or B or C and complete ALL the requirements.

A. Watch an episode or episodes (about one hour total) of a show about anything related to technology.

Some examples include—but are not limited to—shows found on PBS ("NOVA"), Discovery Channel, Science Channel, National Geographic Channel, TED Talks (online videos), and the History Channel. You may choose to watch a live performance or movie at a planetarium or science museum instead of watching a media production. You may watch online productions with your counselor's approval and under your parent's supervision.

What was watched?	Date	Start Time	Duration

Then do the following:

1. Make a list of at least two questions or ideas from what you watched.

1.	
2.	

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2. Discuss two of the questions or ideas with your counselor.

1.	
2.	

B. Read (about one hour total) about anything related to technology.

What was read?	Date	Start Time	Duration

Books on many topics may be found at your local library. Examples of magazines include but are not limited to *Odyssey*, *KIDS DISCOVER*, *National Geographic Kids*, *Highlights*, and *OWL* or [owlkids.com](http://owlkids.com).

Then do the following:

1. Make a list of at least two questions or ideas from what you read.

1.	
2.	

2. Discuss two of the questions or ideas with your counselor.

1. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

2. \_\_\_\_\_  
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 \_\_\_\_\_

C Do a combination of reading and watching (about one hour total) about anything related to technology.

What was watched or read?	Date	Start Time	Duration

Then do the following:

1. Make a list of at least two questions or ideas from what you read and watched.

1. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

2. \_\_\_\_\_  
 \_\_\_\_\_  
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 \_\_\_\_\_  
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2. Discuss two of the questions or ideas with your counselor.

1. \_\_\_\_\_  
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 \_\_\_\_\_  
 \_\_\_\_\_

2. \_\_\_\_\_  
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2. Complete ONE adventure from the following list for your current rank or complete option A or B. (If you choose an Adventure, choose one you have not already earned.)

Wolf Cub Scouts

- Finding Your Way
- Motor Away

Bear Cub Scouts

- Make It Move
- Forensics

WebeLos Scouts

- Build It
- Fix It
- Movie Making

Option A: Complete all of the following:

- a. Explain these parts of a personal computer: central processing unit (CPU), monitor, keyboard, mouse, modem, and printer.
- b. Make a list of ten devices that can be found in a home that use a computer chip to function.
- c. Use a spreadsheet program to organize some information.

Option B: Complete all of the following:

- a. Point out the major features of a camera to your den or family and explain the function of each part. Parts COULD include memory card, lens, shutter, power on and off, zoom, battery, flash, display panel, case, settings, etc.
- b. Discuss with your leader or adult partner the benefits and contributions photography makes to modern life.
- c. Use a camera to take at least 10 pictures of your family, pet, scenery; show these to your den.

Discuss with your counselor what kind of science, technology, engineering, and math was used in the adventure or option.

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\_\_\_\_\_

\_\_\_\_\_

3. Explore EACH of the following:

A. Look up a definition of the word technology and discuss the meaning with your counselor.


B. Find out how technology is used in EACH of the following fields:

Communication	
Business	
Construction	
Sports	
Entertainment	

- C. Discuss your findings with your counselor:


- 4. Visit a place where technology is being designed, used, or explained, such as one of the following: an amusement park, a police or fire station, a radio or television station, a newspaper office, a factory or store, or any other location where technology is being designed, used, or explained.

Place visited: \_\_\_\_\_

Who did you speak with? \_\_\_\_\_

- A. During your visit, talk to someone in charge about the following:

- 1. The technologies used where you are visiting


- 2. Why the organization is using these technologies


- B. Discuss with your counselor the technology that is designed, used, or explained at the place you visited.


