



Cub Scout Nova Award Tech Talk

Cub Scout and Webelos Nova award for Technology

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. Then do the following:
 - i. Make a list of at least two questions or ideas from what you watched.
 - ii. Discuss two of the questions or ideas with your counselor.
 - B. Read (about one hour total) about anything related to technology. Then do the following:
 - i. Make a list of at least two questions or ideas from what you read.
 - ii. Discuss two of the questions or ideas with your counselor.
 - C. Do a combination of reading and watching (about one hour total) about anything related to technology. Then do the following:
 - i. Make a list of at least two questions or ideas from what you read and watched.
 - ii. Discuss two of the questions or ideas with your counselor.

Requirement 1

I chose option: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C
Name(s) of things I watched and/or read: _____
<input type="checkbox"/> i. I made a list of at least two questions from what I read and/or watch.
<input type="checkbox"/> ii. I discussed the ideas and questions with my Counselor

Counselor's okay

Date



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2. Complete ONE adventure from the following list. (Choose one that you have not already earned.) Discuss with your counselor what kind of science, technology, engineering, or math was used in the adventure.

Option A

Complete all of the following:

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

Option B

Complete all of the following:

- 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.
- Discuss with your leader or adult partner the benefits and contributions photography makes to modern life.
- Use a camera to take at least 10 pictures of your family, pet, scenery; show these to your den

Requirement 2 (*circle the Adventure or Option you completed*)

<u>Wolf Cub Scouts</u>	<u>Bear Cub Scouts</u>	<u>Webelos Scouts</u>
Finding Your Way Motor Away	Make It Move Forensics	Build It Fix It Movie Making
OR		
Option A <i>Complete all three</i>		
<input type="checkbox"/> a) Explain these parts of a personal computer:		
<input type="checkbox"/> CPU	<input type="checkbox"/> monitor	<input type="checkbox"/> keyboard
<input type="checkbox"/> mouse	<input type="checkbox"/> modem	<input type="checkbox"/> printer
<input type="checkbox"/> b) Ten devices that use a computer chip to function		
1) _____	6) _____	
2) _____	7) _____	
3) _____	8) _____	
4) _____	9) _____	
5) _____	10) _____	
<input type="checkbox"/> c) Use a spreadsheet to organize information.		
<i>continue Requirement 2 on next page</i>		



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OR

Option B Complete all three

- a) Some major features of a camera

- b) I discussed with my leader or adult partner the benefits and contributions photography makes to modern life.

- c) I used a camera to take at least 10 pictures and show them to my den.

I discussed with my Counselor what kind of science, technology, engineering, or math was used in the Adventure or Option.

Counselor's okay

Date

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:

- i. Communication
- ii. Business
- iii. Construction
- iv. Sports
- v. Entertainment

C. Discuss your findings with your Counselor

- Requirement 3 (complete all three)

- A. Definition of *technology* _____

- B. I found out how technology is used in EACH of the following fields?

- i. Communication
- ii. Business
- iii. Construction
- iv. Sports
- v. Entertainment

- C. I discussed my findings with my Counselor

Counselor's okay

Date



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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.

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

- i. The technologies used where you are visiting
- ii. 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.

Requirement 4 (*complete A and B*)

<input type="checkbox"/> I visited _____
<input type="checkbox"/> A. <input type="checkbox"/> i. We talked about the technology used there.
<input type="checkbox"/> ii. We talked about why they use these technologies
<input type="checkbox"/> B. I discussed my visit with my Counselor.

Counselor's okay

Date

5. Discuss with your counselor how technology affects your everyday life.

Requirement 5

<input type="checkbox"/> I discussed with my Counselor how technology affects my everyday life.

Counselor's okay

Date