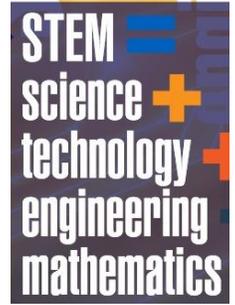




# Focus on STEM

Each month, we will put together road maps for STEM related achievements or awards to make it easier to integrate STEM into your existing den or pack schedules.



## Cub Scouts: Tech Talk!

1. Look up a definition of the word technology and discuss the meaning with your counselor.
2. Discuss EACH of the following with your counselor: (A) How technology is used in each of the following fields: (1) communication, (2) business, (3) construction, (4) sports, and (5) entertainment. (B) Tell why technology is important. *Make a game out of this discussion—put together a Jeopardy game or have smaller groups of scouts take one area to research and report back to the group.*
3. Watch a(n) episode(s) of a show about or read about (at least 1 hour total) anything related to technology. Then do the following: (A) Make a list of at least two questions or ideas from what you watched and (B) Discuss two of the questions or ideas with your counselor. *Watch a video on PBS, Discovery Channel or the Science Channel or challenge each scout to read a book about technology by a specified pack date. Break your den/pack into smaller groups to discuss what they've learned.*
4. Complete one belt loop or pin from the following list: Astronomy, BB Gun Shooting, Bicycling, Bowling, Computers, Map & Compass, Mathematics, Music, Photography, Snow Ski and Board Sports, or Video Games. *Go bowling with your pack. Make sure each scout knows the rules of bowling and bowls at least one game.*
5. What technology is used in your belt loop or pin? (A) Discuss with your counselor how you think this technology (1) was invented and (2) could be made better. (B) Discuss your ideas about technology with your counselor. *At the end of the bowling event, have each scout think about the technology they saw, how they think it was invented and if there was anything that could be improved.*
6. 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 with someone in charge about the following: (1) the technologies used where you are visiting and (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. *Schedule a visit with WRAL, the News & Observer, or a local college newspaper office. If you have someone in your pack who works in RTP, ask if they could arrange a visit at their place of business. Other possibilities may be: a local movie theater, a local venue for concerts or plays, a construction company/site, or a local sports venue. During the visit, prompt the scouts to think about and ask questions about the technology being used.*
7. Discuss with your counselor how technology affects your everyday life.

## Proposed Time Schedule

### Prep Work

Have your scout watch or read an hour about motion or machines. Scouts should make a list of at least 2 questions about what you watched or read.

### Week 1

Discuss what the scouts have watched or read. Discuss how technology affects everyday life. Look up technology and talk about how technology is used in communication, business, construction, sports, and entertainment.

### Week 2

Go see-it: visit a local college newspaper office. While there, explore the technologies that are being used.

### Week 3

Go see-it: go bowling with your den or pack. At the end, make sure each scout can explain the technology that was used, how they think it was invented, and how it could be made better.