



**T.N.T. and Fireworks**  
**Blow 'em Up Good Junior Badge**  
Developed by Junior Troop 546  
Girl Scouts Eastern Washington & Northern Idaho  
Spokane, Washington



Complete eight (8) activities, including the starred ones.

\*1. Check the Girl Scouts SafetyWise (current edition) for any restrictions related to Fireworks use. Find out if Fireworks are legal in your State, County and City area.

\*2. Visit your local Fire Station and/or Fireworks stand to learn about safety with Fireworks. Make a list of items needed when using Fireworks. What is a suitable location? What are suitable weather conditions? Assemble a First Aid Kit.

3. Check you local Fireworks Stand to see what is available. Find out in what country their manufacturers are located.

4. Find out the definitions of the following:

T.N.T.	Fuse
Pyrotechnics	Shell
Fireworks	Explode
Dynamite	Implode

5. Interview a Licensed Pyrotechnician. For example: What type of protective gear do they use? How do they set off Fireworks? What is a "Charge"? What jobs are available in the industry? What kind of licenses and permits do they need? How old do you have to be to get your License?

6. Find out the history of T.N.T. and Fireworks. Who invented them? How and why were Fireworks used?

7. Find out how Fireworks are made. How do they get their colors? What are the ingredients? How do they get their shape?

8. How is the flight of Fireworks controlled?

9. Find out why sometimes you get covered in soot after shooting off Fireworks.

10. Why do Fireworks make a loud sound?

11. Do Fireworks affect the environment? Are Fireworks good or bad for the environment?

12. Do a Community Action Project. (For example: make a Safety-Wise poster for your school or community center. You might write a radio announcement, or organize a clean-up for the day after the display.)

13. There are Fireworks Competitions. Does your community or your country participate? If so, try to attend a competition.

14. Attend a Fireworks display. Share what you have learned with your friends.