

**18. Fluorescent Minerals**



- 18.1 \*What is “fluorescence” & why do some minerals fluoresce?\*(required to earn this badge)
- 18.2 Famous fluorescent mineral localities
- 18.3 Collecting fluorescent minerals
- 18.4 Creating a fluorescent display case and exhibiting your collection
- 18.5 \*Safety with fluorescent lamps\* (required to earn this badge)
- 18.6 Special effects of some fluorescent minerals
- 18.7 Making fluorescent minerals with glow-in-the-dark paints.
- 18.8 Finding the fluorescent mineral in the “Magic Cave”
- 18.9 WILD CARD: Do your own thing!

To earn your Fluorescent Minerals badge, you need to complete at least 3 of the 9 activities. (Please note that successfully completing Activities 18.1 and 18.5 are required to earn this badge.) Check off all the activities you’ve completed. When you have earned your badge, sign below and have your FRA leader sign and forward this sheet to the AFMS Juniors Program chair.

\_\_\_\_\_  
Date completed

\_\_\_\_\_  
My signature

\_\_\_\_\_  
Youth leader’s signature

Chicago Rocks and Minerals Society

\_\_\_\_\_  
Name of my club

\_\_\_\_\_  
Leader’s preferred mailing address for receiving badge:  
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