

**17. Special Effects**

- 17.1 Magnetism
- 17.2 Triboluminescence
- 17.3 Birefringence, or double refraction
- 17.4 Chatoyancy: cat’s eye and asterism
- 17.5 Natural fiber optics, or “TV stone”
- 17.6 Phantoms and inclusions
- 17.7 Other special effects
- 17.8 The amazing mineral magic show!
- 17.9 WILD CARD: Do your own thing!



To earn your Special Effects badge, you need to complete at least 3 of the 9 activities. 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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