

# Girl Scout Badge Visits

## Junior Badges

### Grades 4 – 6

To earn a badge, juniors must complete 6 of the activities described in their catalog. The ones that we will lead them through are briefly described below.

By completing those activities with us, they will have met all requirements for their badge and can then purchase the badge from the Girl Scout Council.

Gateway to Science patches will be available for \$1 each.

## Science Sleuth

*What's Vibration Got to Do with It?* – experiment with small pipes and Pipe Resonator

*The Science of Papermaking* – compare different types of paper by looking at absorption, texture, and more

*You Can't Escape Your Identity* – dust for fingerprints and learn about other evidence used by crime scene investigators

*Water Questions* – experiment with the weird qualities of water

*Seeing the Light* – view Spectroscope exhibit

*What Is a Simple Machine* – view Simple Machines exhibition

## Science Discovery

*Chemical Appearing Act* – use chemical reactions of cornstarch, iodine, and more to make artistic designs

*Light and Reflection* – view Kaleidoscope and Human Kaleidoscope exhibits

*Water Tricks* – experiment with water to learn about surface tension

*Become a Scientist* – interview a woman with a science background

*It's a Hands-On and Happening Place* – visit our hands-on science gallery

*See What?* – view Optical Illusions exhibition