



# Elementary

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**Frogs** - Jump, sing and feed like a frog! Watch a froggy puppet show. Calculate how far you can jump compared to a frog! See and touch real frog eggs, tadpoles and frogs! - S4.1.4C,E; S4.3.4A,B; S4.7.4A; S3.3.7A,D

**Gyotaku/ Haiku** - In olden times, Japanese fishermen would record large or unusual catches by making an ink print of the real fish. Now your students can make and take a handsome "Gyotaku" fish print of native PA fishes using less smelly rubber replicas. Students make "Haiku" poems to go with their creations. To round out this art-in-science lesson, students take part in a hilarious fish anatomy dance. - S4.1.4C, S4.7.4A,B; S3.3.7A,D

**Animals of Halloween** - What makes owls spooky? Why are bats creepy and spiders crawly? Discover the strange adaptations of creatures associated with Halloween through song, live and DEAD (stuffed) animal observation. - S4.7.4A,B; S3.3.7A,D

**Animals in Winter** - Meet some live animals who use different strategies to survive winter. Conduct experiments to find the effects of wind and water on comfort levels. Watch a puppet show. Participate in a guided fantasy to learn the physiology of hibernation. - S4.7.4A,B; S3.2.4C; S3.3.7A,D

**Germs!** - Glowing "germs" tattle when kids don't wash their hand properly. Conduct an experiment to realize where germs live. Play the handshake game to reveal how germs are spread. Observe the gross but interesting "compost under glass" disclosing that not all germs are "bad". See what germs really look like. - S3.2.4B; S3.3.4B

*\* Numbers refer to Pennsylvania Academic Standards*