



# Upper Elementary Middle School

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**Fossils** - Handle real fossils. Realize how they were created in activities called "Time Line", "Rubber Bones", "The Mineralization of Sponge Bob" and "Make a Fossil". - S4.2.7A,B; S4.3.7A,C; S3.1.4E

**Falcon!** - First, understand birds. Then understand BIRD EXTREME the falcon! Meet a real falcon!! Experience how birds of prey and people cooperate to hunt wild game by participating in a falconry hunt play. This can be done complete with medieval costumes. This program works well for mixed groups, scout programs and outdoor groups. (Not available February-April) - S4.7.7A; S3.3.7A

**Nature Games** - Learn complex ecological relationships by playing games like "Habitat Lap Sit", "Food Web Game", "Pesticide Concentration Game" and "Air Ballet". - S4.1.4C,D,E; S4.8.7D; S4.2.7C,D; S4.3.7C; S4.6.7A,B,C

**Technology and Invention (A visit from a Medieval Townswoman)** - Imagine her astonishment when a 15<sup>th</sup> century townswoman finds herself "magic ked" into your modern setting! (Imagine their surprise when your groups finds a medieval character, in full costume, among them ). Explain to this lady the workings of modern technology for everyday things, find out from her what technology was in place in her day. Discuss some questions her visit brings up. This program is suitable for classroom, assemblies, and adult civic group meetings. - S4.2.7B; S4.8.7B; S4.2.10B; S4.8.12C; S4.2.7D

**Fish Kill Mystery** - Crime Scene Investigation Teams use chemistry, maps, and clues from nature to figure out who, or what, caused a local fish kill. Based on a real event. S4.1.4C; S4.8.4C,D; S4.1.7D,E; S4.3.7B,C; S4.6.7A; S4.9.4A; S4.7.4A

**Integrated Pest Management** - What is a pest? How do human interactions affect environmental health and understand society's need for IPA. Explain IPM methods. - S4.5.4A,B,C

**Who can make the best insulated house** - In this fast paced 'realty game' future homeowners compete to make the best insulated milk carton house balancing money, time, materials. - S4.2.7A,B

**Gyotaku** - make and take a print of a native Pennsylvania fish using this ancient Japanese art form—S4.1.4C; S4.7.7A

**Farms** - Where does your food, maybe even your shirt, come from? Where does the egg come out? How does a cow give milk? Secret for Teachers Only: Kids may be pt to WORK to find the answers! - S4.2.4A,B; S4.4.4A,B

**What's Hatching at Your School** - Teachers, borrow the glass domed incubator and hatch out chicks at school! See "What's Hatching at You Library for additional program options.

\* Numbers refer to Pennsylvania Academic Standards