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We will present two examples of activities developed in connection with The National Institute for Mathematical and Biological Synthesis showing school-age audiences how math applies to life science topics. The first module, suitable for middle school students and developed around the theme of forest ecology and geometry, introduces an applied use of pi and also a forestry calculation known as basal area. The second module, designed for high school students, introduces the concept of mathematical modeling of biological phenomena using an example exploring predator-prey relationships in soil. Both modules are now freely available at www.nimbios.org. (Received September 15, 2011)