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# Getting real

#  in your classroom

 **Sybille Clayton and Heather M. Riordan, *Anne Arundel Community College*, MD**

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We want to show students how mathematics affects their lives outside of the classroom.

We do it using Mini-Projects. (“Mini”-Projects, since students are guided step by step…)

###### MINI-PROJECT TOPICS

* Intermediate Algebra (Algebra 2): **Archaeology**, Sizing Pottery from a Shard
* Beginning Algebra (Algebra 1): **Global Warming**, A Steamy Affair
* Intermediate Algebra: **Global Warming**, Fact or Fiction?
* Intermediate Algebra: Are You Ready For Some **Football**?

* College Algebra (*uses logarithms*): **Hard (Financial) Times, Hard Loans**
* Intermediate Alg. or Personal Finance : **To Buy Or Not To Buy (Car)**
* Intermediate Alg. or Personal Finance: **To Buy Or Not To Buy (House)**
* Beginning Algebra: **AIDS** Cases in the US
* Beginning Algebra: **Take Flight,** Math Used by Pilots
* Beginning Algebra: Your **Electric Bill**
* Intermediate Algebra: Your **Electric Bill**
* Intermediate Algebra: **Archaeology**, Sizing Pottery from a Shard
* Intermediate Algebra: **WoodTopia**, Analyzing a Quadratic Profit Function
* College Algebra (*uses matrices*): Automated **Highway**

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# Sybille Clayton’s website has all materials readily available. Use as you see fit for educational purposes. Please don’t forget to credit your source (Professor Clayton and Professor Riordan at AACC).

http://ola4.aacc.edu/sclayton1

*Note*: *Do NOT use “www” in the web address.*

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How did these activities work for you? Any feedback is appreciated.