# Other Activity Ideas

## Grain Moisture Testing activity

* + Three samples of corn of various moisture content
	+ Students test one sample and make marketing decisions based on that
	+ Good for middle and high school students with great tie to business, tech, and engineering careers

## Meat Cooking Temp and Serving Size activity

* + Have crock pot with pieces of hot dogs
	+ Have students use meat thermometer to test if they are safe to eat
	+ Talk about serving size of meat
	+ Weigh various household items to find one similar to the portion size of meat (deck of cards, 3 oz.)

## “Soil Is…” activity

* + Help students make microscope slides of soil
	+ Talk about components of soil, texture, etc.
	+ Have students use descriptive words to talk about what they see under the microscope
	+ Send (plastic) microscope slide home with them in a bag that says “Soil is…” for them to write what soil is (ex. Complex, interesting, source of life, etc.)

## Blue’s the Clue activity

* + Adaptation of lesson on the Matrix
	+ Have visual set up of refrigerated and UHT (boxed) milk after being frozen, refrigerated, or at room temperature for a week with methylene blue dye
	+ Talk about pasteurization methods and safety of milk
	+ Test pH of different milk samples to see if they are still safe to drink

## Maker’s Space activity

* + Have table of miscellaneous craft supplies and a few different agricultural issues on display
	+ Have students create or draw a solution to one of those issues
	+ Best for elementary students in a low-traffic event

## Agricultural Technology Changes sequencing activity

* + Have cards of agricultural implements over time
	+ Help students sequence the photos by pointing out how different changes benefitted farmers and consumers
	+ Mention how many people one farmer could feed at each time period