**“Cheap and Easy” Biology Labs**

**Science of Agriculture**

* Bubbles Lab – From Ag Bio CD
* Sugar in Bubble Gum - handout
* Other ideas \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Chemistry of Cells**

* Reactions – Elephant Toothpaste <http://www.sciencebob.com/experiments/toothpaste.php>
* Polymers – Diaper – demo; can also be used as soilless media
* Blues the Clue: Souring Milk – ATIC [https://utah.agclassroom.org/teachercenter/index.cfm?
controller=main&action=downloadonly&key=584](https://utah.agclassroom.org/teachercenter/index.cfm?controller=main&action=downloadonly&key=584)
* Other ideas \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Cells**

* A tour of the cell <http://www.nsf.gov/news/overviews/biology/interactive.jsp>
* Other ideas \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**DNA/Genetics**

* Gleeps – From Ag Bio CD
* Strawberry DNA – Demo - [https://utah.agclassroom.org/teachercenter/index.cfm?
controller=main&action=downloadonly&key=586](https://utah.agclassroom.org/teachercenter/index.cfm?controller=main&action=downloadonly&key=586)
* Other ideas \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Changes through Time**

* Competitive Interactions – From Ag Bio CD
* Butterfly activity – From Ag Bio CD
* Other ideas \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Energy**

* Flaming Cheetos (or marshmallows, or almonds) - [https://utah.agclassroom.org/
teachercenter/index.cfm?controller=main&action=downloadonly&key=595](https://utah.agclassroom.org/teachercenter/index.cfm?controller=main&action=downloadonly&key=595)
* Other ideas \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Other Ideas:**

Biology Labs: <http://serendip.brynmawr.edu/sci_edu/waldron/>

Steve Spangler Science: <http://www.stevespanglerscience.com/>

AITC: <https://utah.agclassroom.org/>

Agroworld Biology: <http://agclassroom.org/agroworld/biology.htm>