



Activities to Try at Home

DNA DE-CODE OF LIFE

- [Human DNA Model](#)
- DNA Extractions
 - [Wheat Germ](#) (BioTrek activity)
 - [Fruit DNA Extraction](#) (Imagination Station)
 - [How To Extract DNA From Anything Living](#) (Genetics Science Learning Center)
- DNA Models
 - [DNA Bracelets](#) (BioTrek activity)
 - [DNA Bead Bracelets](#) (yourgenome.org)
 - [Origami DNA](#) (yourgenome.org)

BIOTECHNOLOGY TOOLS

- [Genomics Mapping \(Analogy\) - UW-Madison Campus Map](#)
- [Invent the Scientific Squirt Gun \(and Micropipette!\)](#)
- [Biotechnology Poster \(Free to Print!\)](#)
- [Biotechnology & Food Curriculum](#)

DISCOVERY

- Which Makes Better Bubbles: Skim Milk or Whole?
- Is Shaking Necessary to Make Butter?
- Potato Chips: Can you See the Fat?
- pH Indicators:
 - Cabbage Juice Chemistry (BioTrek activity)
 - Make Your Own Indicators (Carolina Biological)
 - "Poisonous" Poinsettia pH Indicators (Compound Chem)
- Where is the Starch?
- Handwashing Activities:
 - Wash Away Germs (The Lawrence Hall of Science)
 - Glitter Germs (Alliance for Consumer Education)
- Milk Fireworks/True Identity

WISCONSIN INNOVATION

(Reference Materials)

- Micropipette Story
- UW-Madison Center for Genomic Science Innovation
- UW-Madison Nobel Prize Winners
- Arabidopsis in Space
- Build a Better Potato Plant
- Monarch Butterflies and Bt Corn
- Venturing into Science with Rural Wisconsin
- Whitefly and Tomato Disease
- Red Bull May Not Give You Wings