

FUN & GAMES

WITH

FOODS & GENETICS



Based on educational display on genetics and foods, these “baseball” cards and the displays are available for teachers.

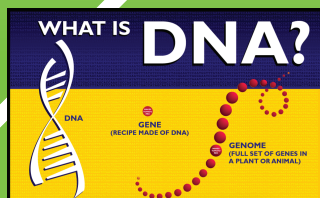
Each cards is based on a display module and can be used in the classroom and beyond! For more information, go to Resources at <http://ucbiotech.org>.



BUY ME SOME POPCORN & CRACKER JACKS

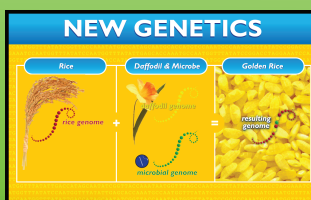
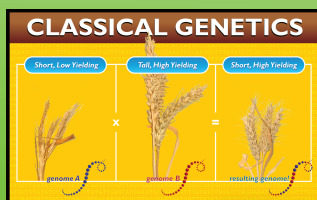
Review the ‘How Much DNA Do You Eat’ baseball card. Then go to the Resources section of <http://ucbiotech.org> and check out the GENE-ie Juice Bar. Find a simple way to extract DNA from some of your favorite foods.

Cards & flyer in Spanish also available!



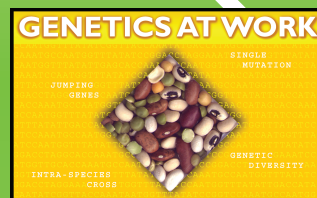
WHAT DID YOU SAY, UMP?

Ask your best friend, your teacher, your parents. Are they clueless about plants, foods and genetics. What is DNA? Why is genetic diversity important? What is genetic engineering? Stun them with your answers! Give them genetics baseball cards so they'll know the answers next time!



YOU CAN'T CRISS CROSS THE BASES

But you can criss-cross some plants. Review ‘Classical Genetics’ and ‘New Genetics’ cards. Pick 2 plants. Describe 3 important things about them – color of their fruits, how tall they are, does it have seeds? Now cross the two. Describe what the new plant would be like. Can you draw it? Would you eat it? What benefits or problems might it have?



STEAL A BASE

Read the ‘Genetics at Work’ card. Now run to the kitchen and search for fruits, vegetables and grains that seem like they might be related. Why do you think they are similar? Sure, all apples are related, but can you find distant cousins that are related? Visit <http://ucbiotech.org/family> to check your answers!

YOU'RE UP!

Try to create similar cards to define other important genetics terminology, like genomics, mutations, jumping genes. Can you think of a graphic to help explain it? More terms at <http://ucbiotech.org/glossary>



FOR MORE INFORMATION, VISIT
THE RESOURCES SECTION AT
ucbiotech.org

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