

## GMO quizzes worksheet!!

- Learn about how GMO is made through animation  
(at this step, we showed kids about videos from <http://www.dnalc.org/resources/3d/index.html>,  
which were really great resources)

Before start:

- Choose sides: agree / disagree  
And why?

- Quiz

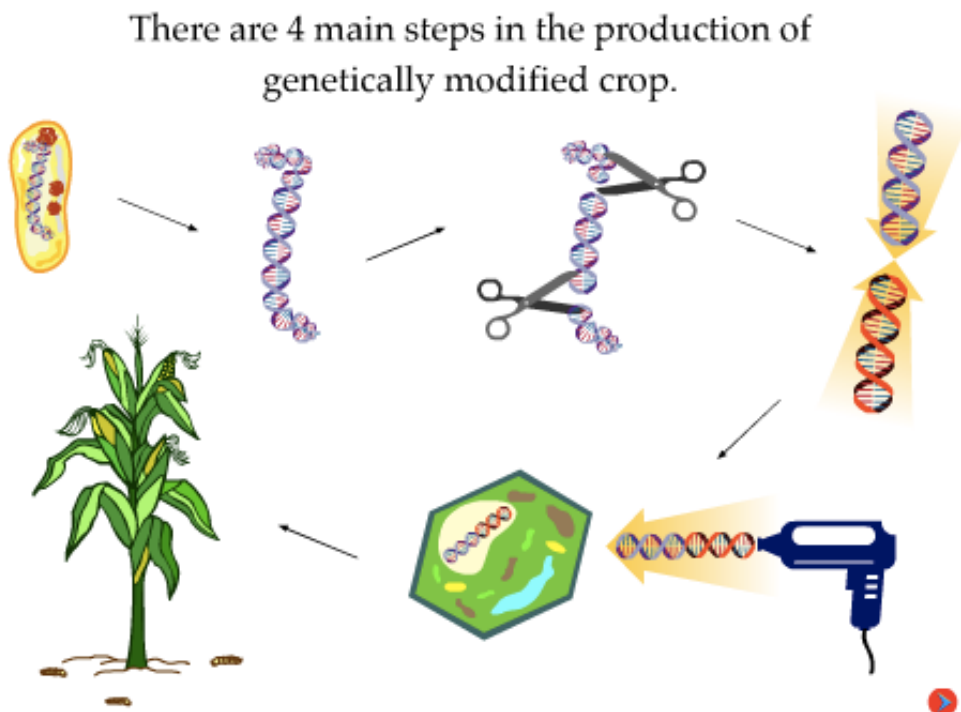
1-1) We eat DNA of \_\_\_ length per meal, \_\_\_g of DNA per day.

1-2) There is \_\_\_ number of genes per apple

2-1) These DNA that we eat combine with DNA in our body (O, X)

2-2) Up until now, there were precedents in which diseases were obtained because of consuming GMO. (O, X)

3-1) It is impossible to transplant animal's gene to plants (O, X)



Picture from : [i-sis.org.uk](http://i-sis.org.uk)

What is GMO??

Last Quiz!

4-1) It takes about \_\_\_\_ years to create GMO crops

This fact implies \_\_\_\_\_

4-2) Which is not a GMO?

- Apple with banana flavor
- Corns that have higher pest
- Microorganism that synthesize desired enzyme
- Synthesizing fluorescent materials
- Synthesizing pharmaceuticals
- Golden rice
- Synthesizing plastic

5-1) There is worldwide food shortage because of population increase in developing countries (O, X)

5-2) GMO can solve the food shortage problem. (O, X)

6-1) Using GMO can reduce the usage of pesticides or herbicides (O, X)

7-1) GMO is being cultivated in our country (Korea). (O, X)

7-2) GMO is being imported in our country (O, X)

7-3) Out of all beans cultivated in our country, \_\_\_\_% is GMO.

8-1) GMO may be included in some products that aren't marked as GMO. (O, X)

8-2) There are research that showed consuming GMO is harmful to humans. (O, X)

9-1) GMO can decrease the diversity of organisms

More accurately, \_\_\_\_\_ decreases the diversity

Bonus quiz

\*) Cherry tomatoes that are sold in markets are GMO. (O, X)

\*) It is legally prohibited for an individual to synthesize GMO in labs. (O, X)

After the quiz :

- Choose sides: agree / disagree
- And why?