

# Activity 3.1 What do you know about DNA and genetics?



## What do you know?

### What to use:

#### Each GROUP will require:

- different coloured marker for each group member
- sheet of poster or butcher's paper labelled with a topic.

#### Each STUDENT will require:

- *Science by Doing Notebook*

### What to do:

#### Step 1

Look at the images on the next three pages. Discuss each set with your group and **Notebook** your ideas:

1. What do the images show?
2. How do they relate to the topic?
3. What else do you know about each of the three topics?

#### Step 2

Your group will now be given four minutes to start a graffiti wall (similar to the one on this page) on one of the three topics.

#### Step 3

Show what your group members know about the topic by writing or drawing on the paper 'graffiti wall'. Make sure every group member contributes something.

#### Step 4

When your teacher tells you to, move to a table with a different topic and add to the 'graffiti wall' at that table.

#### Step 5

Repeat Step 4 for the last topic.

#### Step 6

Prepare to tell the class about the information on the graffiti wall at your table.



## Activity 3.1 What do you know about DNA and genetics? Continued





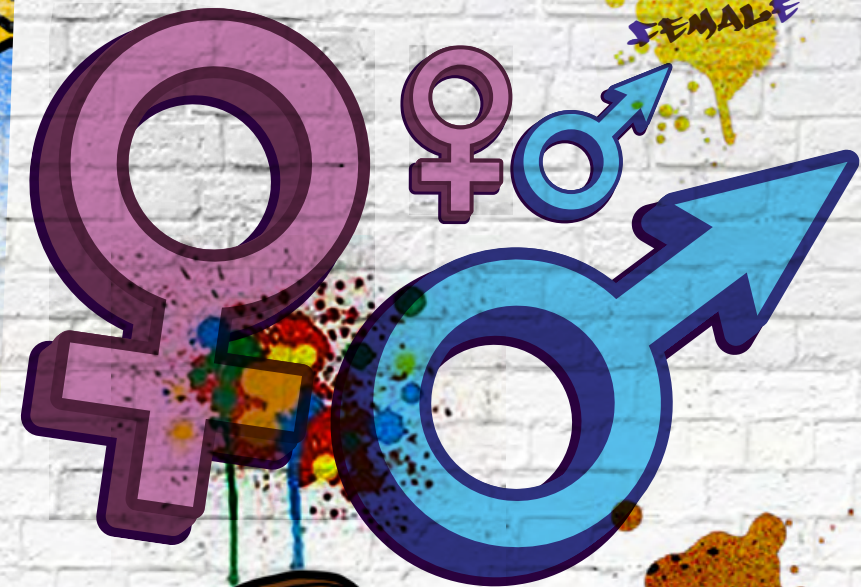
## Activity 3.1 What do you know about DNA and genetics? Continued



What do you know about genetics?



CHROMOSOMES IN A CELL

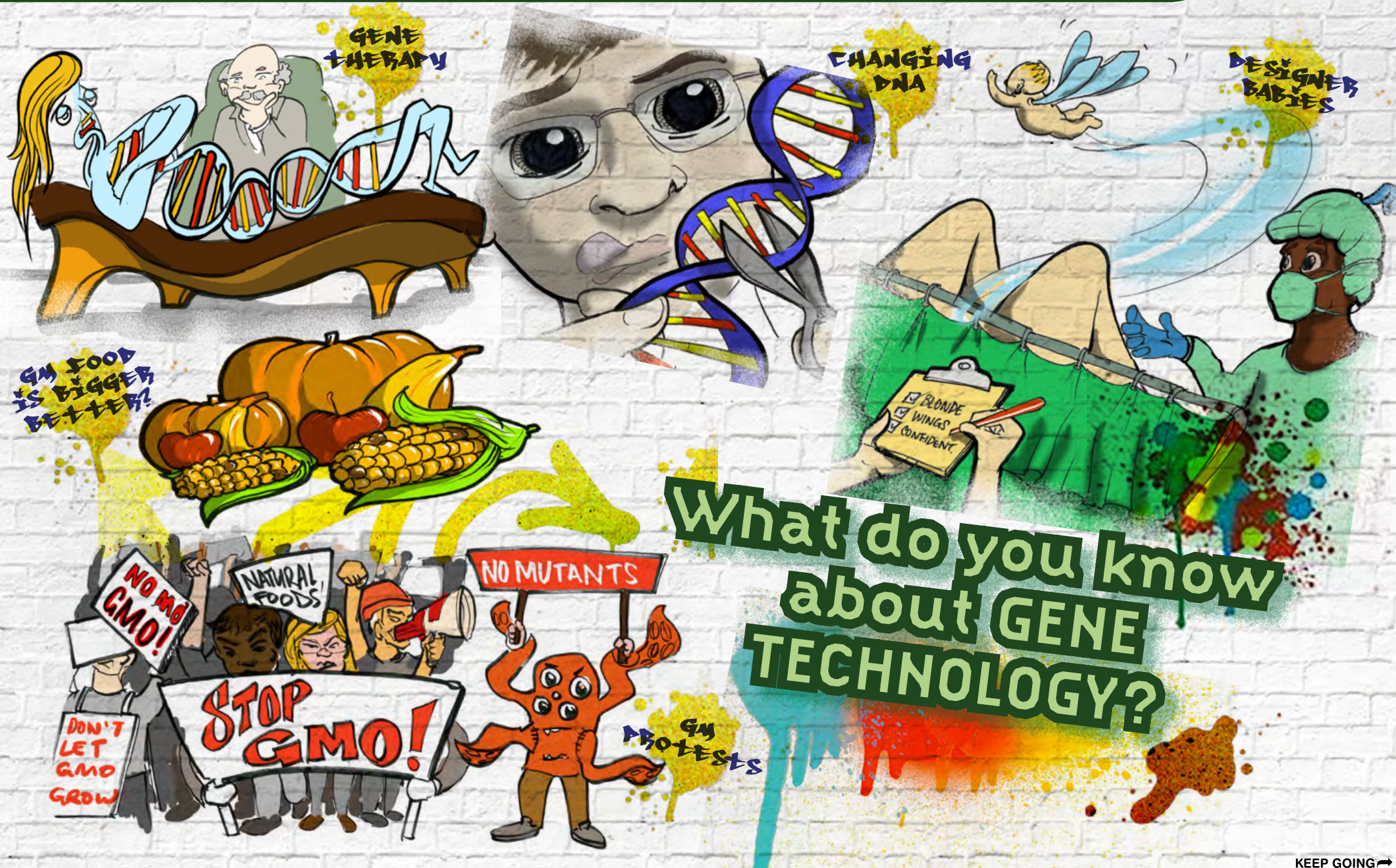


DOWN SYNDROME





## Activity 3.1 What do you know about DNA and genetics? Continued





## Activity 3.1 What do you know about DNA and genetics? Continued

How do you feel when science issues like these come up in the media?  
How well could you argue your point of view?



Is there more than one side to these news stories?

**YES!**

Maybe...  
but...

Not sure?

**NO!**



Click here to explore some current genetics issues in society.