

Strawberry DNA Extraction Make-up

Go to the following site and do the DNA extraction virtual activity:

<http://learn.genetics.utah.edu/content/labs/extraction/>

- 1) DNA extraction is used to do genetic testing of babies, identify bodies and to do analysis of _____ evidence.
- 2) To do DNA extraction, you need cells because inside each cell there is a _____ (starts with “n”) and inside of nucleus is about ____ meters of DNA. (The answers to this are on the Introduction: Slide 3 in the writing.)
- 3) The steps you need to do are:
 - i. Collect _____ cells
 - ii. _____ open the cells to release the _____
 - iii. Separate DNA from the _____ and _____
 - iv. Isolate _____ DNA
- 4) Write 4 notes of things you do or things you learned during the remainder of the simulation:
 - a. _____
 - _____
 - b. _____
 - _____
 - c. _____
 - _____
 - d. _____
 - _____