

## Explaining DNA

Lesson Title: *Extracting DNA*

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Name: \_\_\_\_\_

Pretend that you now have to present a lesson on DNA to someone. Create a poster that will help you teach that person about the topic. Most of the questions discussed in class need to be addressed in the poster. There does not need to be a lot of text. Artwork and/or diagrams with short descriptions are sufficient so long as they answer the following questions:

- What is DNA?
- Where is DNA?
- What are chromosomes made of?
- What makes up DNA?
- What do chromosomes look like and how are pairs identified?
- How do we inherit characteristics from our parents?
- What role do proteins play in an organism?

Your poster should also do the following:

- Describe transcription
- Describe translation

Here are the websites you visited throughout the lesson. You may want to revisit them to refine your poster.

- **DNA: The Instruction Manual for All Life**  
([http://www.thetech.org/exhibits\\_events/online/genome/](http://www.thetech.org/exhibits_events/online/genome/))
- **Basic Genetics: Tell Me More**  
(<http://gslc.genetics.utah.edu/basic/index.html>)