

## Lab Report: Wind Your Way Around Your Own DNA

### BEFORE THE EXPERIMENT:

**1** State your hypothesis.

*A hypothesis is a statement predicting what you think will happen as a result of the experiment.*

During this experiment I think...

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**2** List the materials that you are using to conduct your experiment.

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### AFTER THE EXPERIMENT:

**3** Draw a picture of what happened during your experiment.

**4** Explain what happened.

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**5** The soap solution helped to break apart the \_\_\_\_\_ releasing the DNA inside.

**a.** Genes

**b.** Cell membrane

**c.** Bacteria

### TAKE THE CURIOSITY CHALLENGE:

Try this experiment again when you first wake up in the morning. Do the DNA extraction step before you eat or drink anything and before you brush your teeth.

**6** Do you think you will extract more or less DNA?

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**7** What were your results?

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