Honors Biology Name:

*DNA: Frederick Griffith’s Experiment Note Sheet*

What question was Griffith trying to answer?

Compare and contrast the r-strain and the s-strain of the *Streptococcus pnumoniea* bacteria.

Describe the components of DNA (nucleotides and what they are made of). (You can find the answer to this in the first square of the Prezi—sorry.)

List and explain the three jobs DNA is responsible for in a cell. (You can find the answer to this in the first square of the Prezi—sorry.)

Formulate a hypothesis for Griffith’s experiment.

Define transformation and explain how it relates to genes.

What conclusion did Griffith come to about his experiment and what did he call this phenomenon?

Explain how Griffith’s experiment worked.