Honors Biology Name:

*Oswald Avery’s Experiment: The Quest for the Transforming Agent*

How did Avery use enzymes in his experiment? How do you know a molecule is an enzyme?

What were the five possible molecules that could carry the genetic information. Why did they think it was proteins? Why didn’t they think it was RNA or DNA?

Identify the goal of Avery’s investigation.

What year did Avery’s experiment occur and why did it take so long between Griffith’s and Avery’s experiment?

Summarize the results of Avery’s experiment.

Explain how Avery’s experiment worked.

Construct a data table (using the sheet I gave you in class) of Avery’s results.

Write a hypothesis for Avery’s experiment.