

Name_____

Date_____

Period_____

Partner Read 2.3

Page 50 Intro: What are all living things made of?

Page 51 An Overview: what are cells? What does structure mean? What are some functions of cells? Why didn't people know about cells before the late 1600's?

Page 51 first observations of cells: Why was the inventing the microscope important?

Page 52 Robert Hooke: who was he, why is he important?

Page 53 Anton van Leeuwenhoek: Who was he, why is he important?

Study timeline on pages 52-53

Page 54 Development of the Cell Theory: just read it

Page 54 Schleiden, Schwann, and Virchow: Who were they? What did they do?

Page 54-55 What the cell theory says: what is the cell theory? Summarize the 3 main ideas.

Page 55 Light and electron microscopes: what two properties do microscopes use?

Page 55 magnification and lenses: how do lenses make something look bigger?

Page 55 Figure 16: draw a convex lens and explain how it works

Page 56 Compound Microscope Magnification: summarize how a compound microscope works.

Page 56 Resolution: what is resolution?

Page 57 electron microscopes? Why are electron microscopes better than light microscopes?