

Implementing Common Core Standards

3-5 Science/ Evolution and Genetics

Standard 5.L.3 Understand why organisms differ from or are similar to their parents based on the characteristics of the organism.

At the end of this unit students should be able to explain why organisms differ from or are similar to their parents based on the characteristics of the organism. Furthermore, students should be able to give examples of likenesses that are inherited and some that are not based upon the understanding of the work of scientists like Gregor Mendel.

Information and Technology Essential Standards/ Technology as a Tool

5.TT.1 Use technology tools and skills to reinforce and extend classroom concepts and activities.

During this unit, students will demonstrate proficiency in the use of technology tools to locate information, record data and observations and share their research.

Information and Technology Essential Standards/ Research Process

5.RP.1 Apply a research process as part of collaborative research.

As part of this unit, students will review and apply at least two research methods, Scientific Method, Super3 or Big6 as appropriate.

Common Core State Standards for English Language Arts & Literacy in History/Social Studies, Science, and Technical Subjects

5.W.2 Write informative/explanatory texts to examine a topic and convey ideas and information clearly.

Students will introduce a self-selected topic clearly, provide a general observation and focus, supporting details and group related information logically; include formatting (e.g., headings) and illustrations as part of this unit.