Omaha SCIENCE MEDIA PROJECT

Omaha Public Schools



Workshop 2009 Learning Outcomes

SCIENCE LEARNING OUTCOMES Youth develop an understanding of	MEDIA LEARNING OUTCOMES Youth develop an understanding of
1. What is a virus?	1. How do you plan and research to tell a science media story?
2. How do viruses reproduce inside a cell?	2. How do you record a science media story using a variety of devices ?
3. How do viruses spread from one individual to another ?	3. How do you gather material and edit that material into a science media story?
4. How do viruses evad e host defenses?	4. How do you share a science media story with peers, teachers, and parents?



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Workshop 2009 Science Standards

I Science Education Standards
l Research Council 1996)
 <u>C & D, Teaching for Grades 9-12</u> andings about Scientific Inquiry. Conceptual principles and ge guide scientific inquiries. Questions and Concepts that Guide Scientific Investiga tions. should formulate a testable hypothesis and demonstrate the logical ons between the scientific concepts guiding a hypothesis and the fan experiment. bicate and Defend a Scientific Argument. Students in school programs should develop the abilities associated with accurate and communication. I and Community Health. The severity of disease symptoms is no many factors, such as human resistance and the virulence of se-producing organism. Cells have particular structures that underlie their functions. ecular Basis of Heredity. In all organisms, the instructions for g the characteristics of the organism are carried in DNA, a large formed from subunits of four kinds (A, G, C, and T). al Evolution. Species evolve over time. The great diversity of s is the result of more than 3.5 billion years of evolution that has ry available niche with life forms. The millions of diff erent species of himals, and microorganisms that live on earth today are related by rom common ancestors. f Scientific Knowledge. Because all scientific ideas depend on ntal and observational confirmation, all scientific knowledge is, in

