GRADE 6 LESSON: ANIMAL COMMUNICATION AND TECHNOLOGY

GOALS

The overall purpose of this lesson is to

1. educate students on animals' four main methods of communication (visual, auditory, tactile and chemical)
2. educate students on some of the advancements (scientific, technological, and medical) that humans have made by studying the ways animals communicate.

STUDENT OBJECTIVES

After this lesson students will be able to

1. understand and explain the four main ways animals communicate;
2. provide examples of each method of communication as related to domestic animals;
3. explain how knowledge of animal communication is linked to animal safety (not sure – I want to say that understanding animal communication keeps humans safe around animals);
4. understand how studying animal communication has inspired human advancement;
5. examine and imagine ways that humans can continue to create further advancements through studying animals.

Curriculum Connections

HEALTH AND PHYSICAL EDUCATION

SPECIFIC EXPECTATIONS

C2.1 demonstrate an understanding of the basic components of physical activities
C2.3 apply a variety of tactical solutions to increase their chances of success as they participate in physical activities
D2.6 make informed decisions that demonstrate respect for themselves and others

LANGUAGE

SPECIFIC EXPECTATIONS

B1.2 select and use a variety of listening strategies before, during, and after listening to comprehend information communicated orally and non-verbally, seek clarification, and develop a relevant response appropriate to the context
C3.8 compare the critical thinking skills they used when analyzing and evaluating various texts, identify the skills that best supported their understanding, and explain why they were effective

SCIENCE AND TECHNOLOGY

SPECIFIC EXPECTATIONS

A1.1 use a scientific research process and associated skills to conduct investigations

A1.5 communicate their findings, using science and technology vocabulary and formats that are appropriate for specific audiences and purposes
D1.1 assess the impacts on society of aviation technologies, while considering both local and global perspectives
D2.5 describe characteristics and adaptations that enable organisms to fly