The Next Generation
Guided Viewing and Assessment

Grade Five: Life Sciences
Benchmark B:

Heredity

4. Recognize that an individual organism does not live forever, therefore reproduction is necessary for the continuation of every species and traits are passed on to the next generation through reproduction.

Procedure:
Distribute the pre and post-viewing guide on the following page to provide focused viewing for students while watching the *You at the Zoo* video *The Next Generation.* The completed viewing guide may also be used as a learning assessment tool. An answer key is included below.

Before viewing the *You at the Zoo* video *The Next Generation*, instruct students to read and respond to the "What I Already Know" Column of *The Next Generation* Viewing Guide. Let students know it's okay if they do not know all of the answers. Play *The Next Generation* video and instruct students to now fill out the "What I Learned" column. After playing the video, use the guide to facilitate a post-viewing discussion with students.

The Next Generation Guided Viewing Key

1. Reproduction is essential to the survival of a species because all animals die
2. A large dark mane
3. The Malayan Tiger
4. Malay Peninsula and Thailand
5. 600-800
6. To manage the whole North American population of a particular species as one unit
7. Lineage – so that zoos are not breeding animals that are closely related to one another
8. 54
9. Once the species is gone it cannot be brought back
10. Stripes, color, size and behavior

The Next Generation Viewing Guide

Directions: Before viewing the *You at the Zoo* video *The Next Generation* read and respond to the "What I Already Know" Column of *The Next Generation* Viewing Guide. It's okay if you don't know all of the answers! This will help you see how much you have learned after watching the video. While watching the video, answer the questions by filling out the "What I Learned" column.

	What I Already Know	What I Learned
1. Why is reproduction essential to the survival of a species?		
2. What trait does a female lion look for in a mate?		
3. What is one of the six remaining sub-species of tigers?		
4. In what parts of the world are Malayan tigers found in the wild?		
5. How many Malayan tigers are estimated to be left in the wild?		
6. What is the purpose of a species survival plan?		
7. Why is it important to have a species survival plan?		
8. How many Malayan tigers are in the Zoos in North America?		
9. What would happen if all of the Malayan tigers died out?		
10. No two tigers look exactly alike, what characteristics help scientists tell them apart?		