



Class: _____

Type Instruction: Whole Class

Learning Objective(s): Students understand that heredity is the passage of a set of instructions for specifying an organism's traits from one generation to another.

Length of Time: 10 Minutes

Ignite! Movies:

- Heredity
- Traits of Organisms

Teacher Instructions: Play Ignite! movies with students and complete the following activity.

Part One: Lou and Maggie Speak! is a note-taking exercise.

Part Two: Traits to Ensure Survival and Reproduction is a class discussion.

Target Vocabulary/Key Terms:

- *adapt*
- *chromosome*
- *evolution*
- *genetic variation*
- *heredity*
- *protein*
- *cell*
- *DNA*
- *gene*
- *genotype*
- *natural selection*
- *trait*

Notes: [Click here to watch media samples.](#)

